

TREASURY DEPARTMENT.—PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE

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# PUBLIC HEALTH REPORTS

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## PUBLIC HEALTH REPORTS.

### UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

*Reports from San Francisco, Cal.—Plague-prevention work.*

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

*Week ended September 5.*

Date of last case .....	Sickened, January 30, 1908
Sick inspected .....	7
Dead inspected.....	101
Premises inspected.....	14,754
Houses disinfected.....	150
Nuisances abated.....	1,909
Buildings condemned.....	15
<hr/>	
Rats found dead.....	507
Rats trapped.....	4,271
<hr/>	
Total rats taken.....	4,778
<hr/>	
Rats identified:	
Mus norvegicus.....	3,508
Mus rattus.....	116
Mus musculus.....	1,071
<hr/>	
Total.....	4,695
<hr/>	
Rats examined bacteriologically.....	2,778
Poisons placed .....	148,445

*Outgoing quarantine transactions.*

Passed Assistant Surgeon Hobdy reports:

*Week ended August 29.*

Vessels fumigated and certified.....	20
Vessels certified.....	91

*Reports from Seattle, Wash.—Summary of inspection and fumigation of vessels, month of August, 1908.*

Passed Assistant Surgeon Glover reports, September 8:

During the month of August there were 23 vessels fumigated and 31 vessels inspected.

*Plague-prevention work—Summary of laboratory work, month of August, 1908.*

Assistant Surgeon Chapin reports, September 3 and 8:

*Week ended September 5.*

Date of finding of last plague rat, July 9, 1908.

Rats received .....	1,387
Rats necropsied .....	1,187
Plague-infected rats to date.....	20
Vessels inspected.....	7
Vessels fumigated .....	4

*Plague laboratory work, month of August, 1908.*

During the month no human suspects have been reported. Five thousand five hundred and sixty-five rats were received, of which 5,329 were examined. No plague-infected rats were found.

Most of the rats belong to the species *Mus decumanus*. Among them is an occasional *Mus rattus*, *Mus alexandrinus*, and *Mus musculus*.

One rat showed the gross lesions of the leprosy-like disease of rats and microscopic examination of the subcutaneous tissue disclosed enormous numbers of acid-fast bacilli. The same gross lesions have been observed before on numerous occasions.

The laboratory findings to date include 3 human and 20 rat cases. The last human case was discovered October 25, 1907, and the last plague-infected rat was delivered July 9, 1908.

**STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES  
OF THE UNITED STATES—UNTABULATED.**

**FLORIDA.**—Reports from the State board of health for the week ended September 5, 1908, shows as follows: Enteric fever—*Jacksonville*, 6 cases; *Tampa*, 3 cases; *Dade City*, *Plant City*, and *Bartow*, each 1 case. Tuberculosis—*Jacksonville*, *Dade City*, *Cedar Key*, *Live Oak*, *Tampa*, and *Chattahoochee*, each 1 case. Diphtheria—*Tampa*, 5 cases; *Fernandina*, 1 case.

**Pensacola.**—Month of August, 1908. Estimated population, 30,000. Total number of deaths, 43, including 2 from enteric fever. Cases of contagious diseases not reported.

**ILLINOIS—Alton.**—Month of August, 1908. Estimated population, 22,000. Total number of deaths, 18, including 5 from tuberculosis. Case: Diphtheria 1.

**Jacksonville.**—Month of August, 1908. Estimated population, 17,500. Total number of deaths, 27.

**Quincy.**—Month of August, 1908. Estimated population, 43,000. Total number of deaths, 51, including diphtheria 1, enteric fever 1, and 3 from tuberculosis. Cases: Diphtheria 2 and enteric fever 2.

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**INDIANA—Jeffersonville.**—Month of August, 1908. Estimated population, 12,000. Total number of deaths, 6, including 1 from enteric fever. Cases: Enteric fever 1.

**IOWA—Burlington.**—Month of August, 1908. Estimated population, 30,000. Total number of deaths 24, including 3 from tuberculosis.

**Cedar Rapids.**—Month of August, 1908. Estimated population, 30,000. Total number of deaths 40, including enteric fever 1 and 5 from tuberculosis. Cases: Scarlet fever 2 and enteric fever 7.

**Sioux City.**—Month of August, 1908. Estimated population, 50,000. Total number of deaths not reported. Cases: Diphtheria 1 and smallpox 3.

**MINNESOTA—Stillwater.**—Month of August, 1908. Census population, 12,435. Total number of deaths 9, including 1 from tuberculosis. Cases: Enteric fever 3.

**NEW HAMPSHIRE—Concord.**—Month of August, 1908. Estimated population, 20,000. Total number of deaths 39, including 2 from tuberculosis. Cases: Measles 15, enteric fever 2, scarlet fever 1, and tuberculosis 2.

**NEW JERSEY—Morristown.**—Month of August, 1908. Estimated population, 13,000. Total number of deaths 15, including 1 from enteric fever. Cases: Enteric fever 4.

**NEW YORK.**—Month of July, 1908. Estimated population, 8,546,356. Reports to the State department of health show as follows: Total number of deaths 11,874, corresponding to an annual death rate of 16.7 per 1,000 of the population, including enteric fever 112, measles 67, scarlet fever 63, whooping cough 53, diphtheria 139, and 1,151 from phthisis pulmonalis. Cases: Diphtheria 1,151, enteric fever 517, measles 1,910, scarlet fever 913, smallpox 8, and tuberculosis 2,297.

**Buffalo.**—Month of August, 1908. Estimated population, 410,000. Total number of deaths 508, including diphtheria 1, measles 1, scarlet fever 3, enteric fever 7, whooping cough 5, and 51 from tuberculosis. Cases: Diphtheria 21, enteric fever 44, measles 16, scarlet fever 71, whooping cough 7, and tuberculosis 84.

**Rome.**—Month of August, 1908. Estimated population, 18,500. Total number of deaths, 33, including enteric fever 1, whooping cough 1, and 3 from tuberculosis. Cases: Tuberculosis 4, enteric fever 5, and scarlet fever 1.

**Saratoga Springs.**—Month of August, 1908. Estimated population, 11,822. Total number of deaths, 27, including 4 from tuberculosis. Cases: Enteric fever 2 and tuberculosis 1.

**Schenectady.**—Month of August, 1908. Estimated population, 77,666. Total number of deaths, 72, including whooping cough 2 and 3 from tuberculosis. Cases: Diphtheria 6, enteric fever 19, scarlet fever 3, and tuberculosis 6.

**Yonkers.**—Month of August, 1908. Estimated population, 72,000. Total number of deaths, 95, including enteric fever 2 and 14 from tuberculosis. Cases: Diphtheria 3, measles 2, scarlet fever 18, enteric fever 5, and phthisis pulmonalis 12.

**OHIO—Zanesville.**—Month of August, 1908. Estimated population, 30,000. Total number of deaths, 31, including 5 from tuberculosis. Cases: Enteric fever 6, scarlet fever 3, smallpox 1, and diphtheria 2.

**PENNSYLVANIA—Dunmore.**—Month of August, 1908. Estimated population, 17,500. Total number of deaths, 18, including 1 from tuberculosis. Cases: Scarlet fever 1, enteric fever 1, whooping cough 1, diphtheria 1, and tuberculosis 1.

**South Bethlehem.**—Month of August, 1908. Estimated population, 18,000. Total number of deaths, 41, including 1 from enteric fever. Cases: Scarlet fever 2, tuberculosis 1, enteric fever 19, and diphtheria 3.

**WEST VIRGINIA—Charleston.**—Month of August, 1908. Estimated population, 26,000. Total number of deaths, 23, including enteric fever 2 and 1 from tuberculosis. Cases: Diphtheria 2, smallpox 2, and enteric fever 25.

*Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, June 27 to September 18, 1908.*

[For reports received from December 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Huntsville .....	Jan. 5-June 18 .....	85 .....		
Mobile.....	June 7-Aug. 29.....	10 .....		
<b>Total for State.....</b>		<b>95 .....</b>		
<b>Arkansas:</b>				
Texarkana .....	Dec. 1-June 15 .....			Present.
<b>California:</b>				
Angel Island Quarantine Station.....	Jan. 1-May 18 .....			5 additional cases. Report received out of date.
Los Angeles.....	June 7-July 4.....	6 .....		July 13, 1 case on schr. Alumna. Report for June not received.
Oakland.....	Apr. 1-July 31 .....	16 .....		
Sacramento.....	May 1-July 31 .....	4 .....		
San Bernardino.....	Dec. 11-July 11 .....	54 .....		Reported out of date.
San Diego County .....	June 1-Aug. 3 .....	98 .....		June 1-13, mainly on Pala Indian Reservation.
Escondido.....	June 1-Aug. 3 .....	15 .....		
San Diego .....	June 1-Aug. 3 .....	25 .....		June 6-27, 5 cases from day steamer City of Long Beach.
<b>San Francisco.....</b>	June 6-Aug. 29 .....	45 .....		
Stockton .....	July 1-31 .....	1 .....		
<b>Total for State.....</b>		<b>264 .....</b>		
<b>Delaware:</b>				
Reedy Island Quarantine Station.....	Aug. 9 .....	1 .....		From steamship Haverford.
<b>Total for State.....</b>		<b>1 .....</b>		
<b>District of Columbia:</b>				
Washington .....	June 14-27 .....	8 .....		
<b>Total for District .....</b>		<b>8 .....</b>		

September 18, 1908

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Idaho:</b>				
Carey.....	May 21-Aug. 4....	21	.....	
<b>Total for State.</b>		<b>21</b>	.....	
<b>Illinois:</b>				
Alexander County.....	May 1-31.....	3	.....	
Carroll County.....	May 1-31.....	5	.....	
Cass County.....	May 1-31.....	34	.....	
Champaign County.....	May 1-31.....	4	.....	
Christian County.....	May 1-31.....	3	.....	
Clark County.....	May 1-31.....	11	.....	
Cook County—				
Chicago.....	June 14-Aug. 1 .....	10	.....	
Harvey.....	May 1-31.....	1	.....	
Dupage County.....	May 1-31.....	1	.....	
Effingham County.....	May 1-31.....	1	.....	
Iroquois County.....	May 1-31.....	3	.....	
Jo Daviess County.....	May 1-31.....	1	.....	
Kane County.....	May 1-31.....	37	.....	
Macon County.....	May 1-31.....	5	.....	
Macoupin County.....	May 1-31.....	5	.....	
Marshall County.....	May 1-31.....	9	.....	
McLean County.....	May 1-31.....	5	.....	
Mercer County.....	May 1-31.....	1	.....	
Montgomery County.....	May 1-31.....	7	.....	
Morgan County.....	May 1-31.....	20	.....	
Jacksonville.....	June 1-30.....	10	.....	
Peoria County.....	May 1-31.....	12	.....	
Saline County.....	May 1-31.....	5	.....	
Sangamon County—				
Springfield.....	June 19-July 23.....	4	.....	
Stevenson County.....	May 1-31.....	25	.....	
Tazewell County.....	May 1-31.....	64	.....	
Warren County.....	May 1-31.....	6	.....	
Will County.....	May 1-31.....	1	.....	
Joliet.....	May 1-31.....	19	.....	
<b>Total for State.</b>		<b>312</b>	.....	
<b>Indiana:</b>				
Allen County.....	Apr. 1-June 30.....	4	.....	
Fort Wayne.....	June 21-Aug. 22.....	6	.....	
Bartholomew County.....	Apr. 1-30.....	1	.....	
Boone County.....	Apr. 1-June 30.....	4	.....	
Carroll County.....	May 1-June 30.....	67	1	
Clark County.....	Apr. 1-June 30.....	34	.....	
Jeffersonville.....	June 1-July 31.....	25	1	
Dearborn County.....	Apr. 1-June 30.....	5	.....	
Dekalb County.....	Apr. 1-June 30.....	15	.....	
Delaware County.....	Apr. 1-June 30.....	23	.....	
Floyd County.....	June 1-30.....	1	.....	
Fountain County.....	June 1-30.....	4	.....	
Fulton County.....	Apr. 1-30.....	19	.....	
Grant County.....	Apr. 1-June 30.....	55	.....	
Hendricks County.....	Apr. 1-30.....	1	.....	
Howard County.....	Apr. 1-30.....	15	.....	
Huntington County.....	Apr. 1-30.....	38	.....	
Jackson County.....	Apr. 1-June 30.....	4	.....	
Jefferson County.....	June 1-30.....	6	.....	
Johnson County.....	Apr. 1-30.....	9	.....	
Knox County.....	Apr. 1-May 31.....	31	.....	
Laporte County.....	Apr. 1-30.....	2	.....	
Lawrence County.....	Apr. 1-30.....	12	.....	
Madison County.....	Apr. 1-30.....	4	.....	
Marion County.....	Apr. 1-June 30.....	41	.....	
Indianapolis.....	June 8-Aug. 30.....	51	1	
Marshall County.....	Apr. 1-30.....	1	.....	
Miami County.....	Apr. 1-30.....	16	.....	
Morgan County.....	Apr. 1-30.....	2	.....	
Newton County.....	Apr. 1-30.....	2	.....	
Noble County.....	Apr. 1-June 30.....	15	.....	
Orange County.....	Apr. 1-30.....	1	.....	
Owen County.....	Apr. 1-30.....	4	.....	
Park County.....	June 1-30.....	1	.....	
Porter County.....	June 1-30.....	1	.....	
St. Joseph County.....	June 1-30.....	6	.....	
South Bend.....	June 29-Aug. 15 .....	10	.....	
Scott County.....	June 1-30.....	2	.....	
Shelby County.....	Apr. 1-30.....	35	1	
Steuben County.....	May 1-31.....	30	.....	
Sullivan County.....	Apr. 1-30.....	9	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
Tippecanoe County Lafayette	Apr. 1-May 31 June 21-Aug. 10	11 6		
Tipton County	Apr. 1-30	1		
Vanderburg County	June 1-30	1		
Wabash County	Apr. 1-30	14		
Warrick County	Apr. 1-30	1		
Wayne County	Apr. 1-30	15		
Wells County	Apr. 1-30	1		
Vigo County	May 1-June 30	12		
<b>Total for State.</b>		<b>674</b>	<b>4</b>	
<b>Iowa, general</b>	<b>Jan. 1-June 30</b>	<b>2,092</b>		
Burlington	July 15	1		
Cedar Rapids	June 1-July 1	4		
Davenport	June 2-30	3		
Keokuk	June 1-30	1		
Sioux City	June 1-Aug. 31	8		
<b>Total for State.</b>		<b>2,109</b>		
<b>Kansas:</b>				
Allen County	Apr. 1-June 30	27		
Anderson County	Apr. 1-30	6		
Atchison County Atchison	Apr. 1-June 30 Apr. 1-May 31	69 29		
Barber County	June 1-30	1		
Barton County	Apr. 1-30	6		
Bourbon County	Apr. 1-June 30	24		
Butler County	May 1-June 30	29		
Chase County	Apr. 1-June 30	9		
Cherokee County	Apr. 1-June 30	14		
Cheyenne County	Apr. 1-30	2		
Clay County	May 1-31	2		
Cloud County	May 1-June 30	2		
Crawford County Pittsburg	Apr. 1-June 30 June 1-30 Apr. 1-30	6 8 4		
Decatur County	Apr. 1-30	3		
Doniphan County	Apr. 1-June 30	33		
Douglas County	Apr. 1-May 31	3		
Edwards County	May 1-June 30	2		
Ford County	Apr. 1-May 31	3		
Franklin County	June 1-30	2		
Graham County	Apr. 1-June 30	11		
Greenwood County	Apr. 1-30	1		
Hamilton County	Apr. 1-June 30	9		
Harper County	Apr. 1-30	14		
Harvey County	Apr. 1-30	2		
Hodgeman County	Apr. 1-June 30	39		
Jackson County	Apr. 1-June 30	11		
Jefferson County	May 1-31	3		
Jewell County	Apr. 1-June 30	24		
Kingman County	Apr. 1-June 30	24		
Lambette County Parsons	Apr. 1-June 30 Apr. 1-May 31	24 45		
Leavenworth County Leavenworth	Apr. 1-June 30 May 1-31	62 3		
Lincoln County	Apr. 1-May 31	3		
Linn County	Apr. 1-June 30	21		
Lyon County	Apr. 1-June 30	31		
Marion County	June 1-30	2		
McPherson County	May 1-June 30	2		
Mead County	June 1-30	6		
Miami County	Apr. 1-30	5		
Montgomery County Coffeyville	Apr. 1-June 30 May 1-31	18 7		
Morris County	Apr. 1-30	14		
Nemaha County	Apr. 1-June 30	70		
Neosho County	Apr. 1-30	2		
Osage County	Apr. 1-May 31	2		
Pawnee County	May 1-June 30	6		
Pottawatomie County	Apr. 1-June 30	7		
Pratt County	May 1-June 30	12		
Reno County	Apr. 1-May 31	14		
Republic County	Apr. 1-June 30	13		
Rush County	May 1-31	6		
Saline County	Apr. 1-30	11		
Sedgewick County Wichita	Apr. 1-June 30 July 12-Sept. 5	28 2		
Seward County	May 1-June 30	21		
Shawnee County	Apr. 1-30	30		
Topeka	June 7-Aug. 22	16		

September 18, 1908

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Smith County.....	Apr. 1-30.....	7		
Stevens County.....	Apr. 1-30.....	1		
Sumner County.....	Apr. 1-30.....	3		
Trego County.....	Apr. 1-30.....	22		
Washington County.....	Apr. 1-30.....	2		
Wilson County.....	June 1-30.....	15		
Wyandotte County.....	May 1-31.....	7		
Kansas City.....	June 8-Aug. 22.....	6		
Total for State.....		944		
<b>Kentucky:</b>				
Covington.....	June 21-Aug. 29.....	5		
Lexington.....	July 12-18.....	3		
Total for State.....		8		
<b>Louisiana:</b>				
New Orleans.....	June 14-July 25.....	20	1	
Total for State.....		20	1	
<b>Maryland:</b>				
Baltimore.....	July 5-11.....	1		
Total for State.....		1		
<b>Massachusetts, general.</b>	May 1-31.....	1		
Total for State.....		1		
<b>Michigan:</b>				
Allegan County.....	May 1-31.....	18		
Bay County.....	May 1-31.....	10		
Benzie County.....	May 1-31.....	1		
Berrien County.....	May 1-31.....	1		
Branch County.....	May 1-31.....	2		
Calhoun County.....	May 1-June 30.....	26		
Battle Creek.....	May 1-June 30.....	20		
Cass County.....	May 1-31.....	17		
Chippewa County.....	June 1-30.....	2		
Sault de Saint Marie.....	May 1-June 30.....	5		
Clare County.....	May 1-31.....	3		
Eaton County.....	June 1-30.....	4	1	
Emmet County.....	May 1-31.....	1		
Grand Traverse County.....	May 1-June 30.....	12		
Gratiot County.....	June 1-30.....	2		
Hillsdale County.....	May 1-June 30.....	3		
Houghton County.....	May 1-June 30.....	31		
Huron County.....	May 1-June 30.....	18		
Ionia County.....	May 1-June 30.....	8		
Jackson County.....	May 1-June 30.....	10		
Kalamazoo County.....	May 1-31.....	5		
Kent County.....	June 1-30.....	9		
Lake County.....	May 1-31.....	8		
Lapeer County.....	May 1-June 30.....	2		
Manistee County, Manistee	May 1-31.....	1		
Mason County.....	May 1-June 30.....	4		
Midland County.....	May 1-31.....	1		
Missaukee County.....	May 1-31.....	6		
Montcalm County.....	May 1-31.....	3		
Muskegon County.....	May 1-31.....	38		
Newaygo County.....	May 1-June 30.....	7		
Oakland County.....	June 1-30.....	3		
Oceola County.....	June 1-30.....	1		
Otsego County.....	June 1-30.....	8		
Saginaw County *	May 1-30.....	30		
Saginaw	June 21-Sept. 5.....	7		
St. Clair County.....	May 1-June 30.....	16		
Port Huron.....	May 1-31.....	9	1	
St. Joseph County.....	June 1-30.....	1		
Shiawassee County.....	May 1-31.....	1		
Wayne County, Detroit	July 4-Aug. 1.....	2		
Wexford County.....	May 1-June 30.....	21		
Total for State.....		377	2	
<b>Minnesota:</b>				
Aitkin County.....	Apr. 1-June 15.....	7		
Anoka County.....	Apr. 28-May 10.....	5		

\* In the Public Health Reports for August 21 and 28, and September 4, 1908, Saginaw County was erroneously entered as Sangamon County.

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota—Continued.				
Becker County .....	Apr. 28-June 15 .....	123	.....	
Benton County .....	Apr. 28-June 15 .....	10	.....	
Bigstone County .....	Apr. 7-May 17 .....	1	.....	
Blue Earth County .....	Apr. 21-June 15 .....	21	.....	
Brown County .....	Mar. 31-May 17 .....	12	.....	
Carver County .....	Apr. 28-June 8 .....	19	.....	
Cass County .....	June 1-8 .....	1	.....	
Chippewa County .....	Apr. 21-June 1 .....	8	.....	
Chisago County .....	Apr. 14-June 8 .....	2	.....	
Clay County .....	Apr. 28-June 8 .....	18	.....	
Crow Wing County .....	Apr. 28-June 15 .....	9	.....	
Dakota County .....	Apr. 28-June 8 .....	8	.....	
Douglas County .....	June 9-15 .....	2	.....	
Faribault County .....	May 4-June 8 .....	18	.....	
Fillmore County .....	May 4-17 .....	9	.....	
Freeborn County .....	May 4-10 .....	1	.....	
Goodhue County .....	May 4-June 4 .....	15	.....	
Hennepin County .....	Apr. 28-June 15 .....	29	.....	
Minneapolis .....	June 1-July 31 .....	25	.....	
Houston County .....	Apr. 28-June 15 .....	3	.....	
Hubbard County .....	Apr. 28-June 15 .....	26	.....	
Isanti County .....	Apr. 28-May 17 .....	5	.....	
Itasca County .....	Apr. 7-June 15 .....	20	.....	
Jackson County .....	Apr. 13-June 15 .....	14	.....	
Kanabec County .....	May 4-10 .....	5	.....	
Kandiyohi County .....	May 4-15 .....	16	.....	
Kittson County .....	Apr. 14-June 1 .....	3	.....	
Koochiching County .....	May 25-June 15 .....	6	.....	
Lac qui Parle County .....	May 4-June 15 .....	6	.....	
Lake County .....	May 27-June 15 .....	12	.....	
Lesueur County .....	Apr. 28-June 15 .....	13	.....	
Lincoln County .....	June 4-10 .....	1	.....	
Lyon County .....	May 4-10 .....	2	.....	
McLeod County .....	May 24-June 8 .....	3	.....	
Martin County .....	Apr. 28-June 15 .....	5	.....	
Meeker County .....	Apr. 28-June 8 .....	24	.....	
Millelaes County .....	Apr. 28-June 15 .....	4	.....	
Morrison County .....	Apr. 28-June 15 .....	16	.....	
Mower County .....	May 17-24 .....	3	.....	
Nicollet County .....	Apr. 28-June 1 .....	14	.....	
Nobles County .....	Apr. 28-May 3 .....	1	.....	
Norman County .....	May 10-June 15 .....	2	.....	
Olmsted County .....	Apr. 28-June 15 .....	11	.....	
Ottertail County .....	Apr. 28-June 15 .....	15	.....	
Pine County .....	May 17-June 1 .....	8	.....	
Pipestone County .....	June 1-8 .....	1	.....	
Polk County .....	Apr. 28-June 8 .....	12	.....	
Pope County .....	Apr. 28-May 3 .....	1	.....	
Ramsey County .....	Apr. 28-June 15 .....	11	.....	
St. Paul .....	May 1-31 .....	49	.....	
Red Lake County .....	May 4-17 .....	4	.....	
Redwood County .....	Apr. 28-June 15 .....	13	.....	
Renville County .....	May 10-15 .....	4	.....	
Rice County .....	Apr. 28-June 8 .....	3	.....	
Rock County .....	Apr. 28-June 8 .....	3	.....	
Roseau County .....	May 4-June 10 .....	2	.....	
St. Louis County .....	Apr. 28-June 15 .....	9	.....	
Duluth .....	Apr. 28-June 15 .....	126	.....	
Scott County .....	Apr. 28-June 15 .....	147	.....	
Sibley County .....	Apr. 27-June 8 .....	6	.....	
Stearns County .....	Apr. 28-June 8 .....	43	.....	
Steele County .....	Apr. 28-June 8 .....	13	.....	
Stevens County .....	Apr. 28-May 24 .....	7	.....	
Swift County .....	Apr. 28-June 8 .....	16	.....	
Todd County .....	Apr. 28-June 15 .....	45	.....	
Wabasha County .....	Apr. 28-May 10 .....	5	.....	
Washington County .....	May 24-June 15 .....	6	.....	
Wilkin County .....	Apr. 28-June 8 .....	5	.....	
Winona County .....	May 4-June 15 .....	4	.....	
Winona .....	June 21-July 18 .....	2	.....	
Wright County .....	Apr. 29-June 15 .....	33	.....	
Yellow Medicine County .....	May 4-June 15 .....	8	.....	
Total for State .....		1,159	.....	
Missouri:				
Conway .....	Apr. 20-June 19 .....	29	.....	
Durham .....	May 1-July 1 .....	.....	.....	Present and in vicinity.
Kansas City .....	June 14-Aug. 8 .....	6	.....	
La Belle .....	May 1-July 1 .....	7	.....	And vicinity.
Lewiston .....	May 1-July 1 .....	18	.....	Do.
Monticello .....	May 1-July 1 .....	1	.....	

September 18, 1908

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Missouri—Continued.</b>				
St. Joseph.....	June 7-Aug. 29.....	32	.....	
St. Louis.....	June 14-29.....	1	.....	
<b>Total for State.....</b>		<b>94</b>	.....	
<b>Montana:</b>				
Beaverhead County.....	July 1-31.....	1	.....	
Carbon County.....	July 1-31.....	3	.....	
Cascade County.....	May 1-July 31.....	5	.....	
Chouteau County.....	May 1-31.....	22	.....	
Dawson County.....	June 1-30.....	2	.....	
Deerlodge County.....	May 1-31.....	1	.....	
Fergus County.....	May 1-July 31.....	9	.....	
Flathead County.....	May 1-July 31.....	59	.....	
Gallatin County.....	May 1-July 31.....	7	.....	
Bozeman.....	June 1-July 31.....	80	.....	
Lewis and Clark County.....	May 1-31.....	3	.....	
Helena.....	May 1-June 30.....	5	.....	
Meagher County.....	May 1-July 31.....	2	.....	
Missoula County.....	May 1-July 31.....	7	.....	
Missoula.....	May 1-June 30.....	3	.....	
Park County.....	July 1-31.....	1	.....	
Ravalli County.....	May 1-July 31.....	11	.....	
Rosebud County.....	June 1-30.....	2	.....	
Sanderson County.....	July 1-31.....	1	.....	
Silverbow County—				
Butte.....	June 1-Sept. 1.....	4	.....	
Teton County.....	July 1-31.....	2	.....	
Valley County.....	May 1-31.....	4	.....	
<b>Total for State.....</b>		<b>234</b>	.....	
<b>Nebraska:</b>				
Friend.....	Apr. 13-June 18.....	13	.....	
Lincoln.....	Mar. 1-May 31.....	22	.....	
South Omaha.....	June 7-13.....	1	.....	
<b>Total for State.....</b>		<b>36</b>	.....	
<b>New Jersey:</b>				
Fort Hancock.....	July 30.....	1	.....	
<b>Total for State.....</b>		<b>1</b>	.....	
<b>New York, general</b>				
New York.....	May 1-June 30.....	102	.....	
Niagara Falls.....	June 14-29.....	1	.....	
Schenectady.....	June 1-30.....	1	2	.....
<b>Total for State.....</b>		<b>106</b>	.....	
<b>North Carolina:</b>				
Anson County.....	May 1-31.....	30	.....	
Cabarrus County.....	Apr. 1-May 31.....	38	.....	
Camden County.....	Apr. 1-June 30.....	25	.....	
Caswell County.....	June 1-30.....	.....		
Chatham County.....	Apr. 1-30.....	2	.....	
Chowan County.....	Apr. 1-May 31.....	13	.....	
Cleveland County.....	Apr. 1-30.....	8	.....	
Davie County.....	Apr. 1-30.....	4	.....	
Forsyth County.....	Apr. 1-30.....	1	.....	
Gates County.....	Apr. 1-30.....	3	.....	
Guilford County.....	Apr. 1-30.....	6	.....	
Greensboro.....	Aug. 12-22.....	1	.....	
Johnston County.....	Apr. 1-June 30.....	47	.....	
Mecklenburg County—				
Charlotte.....	June 14-Aug. 15.....	4	.....	
New Hanover County.....	Apr. 1-May 31.....	6	.....	
Orange County.....	Apr. 1-May 31.....	3	.....	
Richmond County.....	May 1-June 30.....	.....		
Rowan County.....	Apr. 1-May 31.....	26	.....	
Rutherford County.....	Apr. 1-30.....	12	.....	
Wayne County.....	Apr. 1-30.....	5	.....	
Yadkin County.....	Apr. 1-30.....	2	.....	
<b>Total for State.....</b>		<b>238</b>	.....	
<b>Ohio, general</b>				
Canton.....	April 26-June 13.....	200	.....	
Cincinnati.....	June 7-13.....	1	.....	
Dayton.....	June 20-Sept. 11.....	9	.....	
Springfield.....	June 14-Aug. 22.....	16	.....	
Toledo.....	July 12-18.....	1	.....	
	June 14-Aug. 16.....	12	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio—Continued.				
Troy .....	Apr. 15-July 3 .....	28	1	
Zanesville .....	Aug. 1-31 .....	1		
Total for State.....	.....	268	1	
Oregon:				
Portland .....	Apr. 1-July 31 .....	146	.....	Report for June not received.
Total for State.....	.....	146	.....	
Pennsylvania:				
Philadelphia .....	Aug. 30-Sept. 4 .....	1	.....	
Total for State.....	.....	1	.....	
Rhode Island:				
Pawtucket .....	June 12-29 .....	1	.....	
Total for State.....	.....	1	.....	
South Carolina:				
General .....	Jan. 1-June 30 .....	170	1	
Total for State.....	.....	170	1	
Tennessee:				
Knoxville .....	June 21-July 25 .....	2	.....	
Livingston .....	June 13-Apr. 11 .....	9	1	
Nashville .....	June 14-20 .....	1	.....	
Total for State.....	.....	12	1	
Texas:				
Fort Worth .....	May 1-31 .....	9	.....	
San Antonio .....	June 14-Sept. 5 .....	10	.....	
Total for State.....	.....	19	.....	
Utah:				
Cache County .....	May 1-31 .....	2	.....	
Carbon County .....	June 1-30 .....	1	.....	
Davis County .....	May 1-July 31 .....	3	.....	
Salt Lake County—				
Salt Lake City .....	May 1-July 31 .....	29	.....	
Unitah County .....	July 1-31 .....	1	1	
Utah County .....	May 1-July 31 .....	14	.....	
Weber County .....	May 1-June 30 .....	21	.....	
Total for State.....	.....	71	1	
Vermont:				
Whiting .....	May 5 .....	1	.....	
Total for State.....	.....	1	.....	
Virginia:				
Alexandria .....	June 25-27 .....	13	.....	
Waynesboro .....	June 1-July 31 .....	20	.....	
Total for State.....	.....	33	.....	
Washington:				
Seattle .....	May 1-July 31 .....	36	.....	
Spokane .....	June 7-Aug. 29 .....	66	.....	
Tacoma .....	June 8-Aug. 2 .....	4	.....	
Total for State.....	.....	106	.....	
West Virginia:				
Charleston .....	Aug. 1-31 .....	2	.....	
Moundsville .....	June 17-July 2 .....	1	.....	
Total for State.....	.....	3	.....	
Wisconsin:				
La Crosse .....	June 16-Sept. 5 .....	71	.....	
Manitowoc .....	Aug. 2-8 .....	1	.....	
Milwaukee .....	June 14-Aug. 29 .....	22	1	
Total for State.....	.....	94	1	
Grand total, United States .....	.....	7,628	11	

*Plague in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, July 15-September 18, 1908.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>California:</b>				
Alameda County—				
Oakland.....	July 21 .....	1 .....	1 .....	
Contra Costa County—				
Concord.....	July 15 .....	1 .....	1 .....	
Pembrook Valley .....	July 21 .....	1 .....	1 .....	
Los Angeles County—				
Los Angeles.....	August 11.....	1 .....		10 miles from Martinez.

*Weekly morbidity and mortality table, cities of the United States.*

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuber-		Enteric		Scarlet		Diph-		Measles.		Whoop-	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.....	Sept. 5	38,973	19	..	..	8	3	1	..	1	..	..	..	..	..
Augusta, Ga.....	Aug. 25	39,441	19	1	3	1	..	..	..	..	1	..	..	..	..
Do.....	Sept. 1	39,441	9	..	..	1	..	..	..	..	..	..	..	..	..
Do.....	Sept. 8	39,441	17	..	2	1	..	..	..	..	1	..	..	..	..
Baltimore, Md.....	Sept. 5	508,957	179	10	24	70	9	9	9	..	..	..	..	..	..
Bayonne, N. J.....	do.....	32,722	..	1	..	..	..	1	..	..	..	..	..	..	..
Beaver Falls, N. Y.....	do.....	10,054	0	1	..	..	..	..	..	..	..	..	..	..	..
Berkeley, Cal.....	Aug. 29	18,214	9	..	1	..	..	..	..	..	..	..	..	..	..
Biddeford, Me.....	Sept. 5	16,145	4	..	..	..	..	..	..	..	..	..	..	..	..
Binghamton, N. Y.....	do.....	38,647	15	..	1	..	..	..	..	..	..	..	..	..	..
Boston, Mass.....	do.....	560,892	228	40	18	44	2	36	..	53	3	12	..	9	7
Braddock, Pa.....	do.....	15,564	8	..	..	5	1	..	..	2	..	..	..	..	..
Bradford, Pa.....	do.....	15,029	1	..	..	..	..	..	..	..	..	..	..	..	..
Brockton, Mass.....	do.....	40,063	16	2	2	8	..	..	..	..	..	..	..	..	..
Butte, Mont.....	Sept. 1	30,470	15	1	1	4	2	5	..	..	..	..	..	..	..
Cambridge, Mass.....	Sept. 5	91,886	30	3	3	3	..	7	..	1	..	1	..	..	..
Camden, N. J.....	do.....	75,935	26	2	..	..	9	1	..	8	1	..	..	..	..
Camden, S. C.....	do.....	2,441	1	..	..	..	..	..	..	..	..	..	..	..	..
Carbondale, Pa.....	do.....	13,536	8	..	..	6	2	..	..	..	..	..	..	..	..
Charlotte, N. C.....	do.....	18,091	3	..	1	2	..	..	..	..	..	..	..	..	..
Chelsea, Mass.....	do.....	34,072	9	..	..	..	..	1	..	1	..	1	..	..	..
Chicago, Ill.....	do.....	1,698,575	558	31	51	126	5	69	4	61	12	11	1	12	4
Chicopee, Mass.....	do.....	19,167	8	..	..	..	..	..	..	..	..	..	..	..	..
Cincinnati, Ohio.....	Sept. 4	325,902	97	8	11	8	1	4	1	12	..	1	..	..	1
Cleveland, Ohio.....	do.....	381,768	132	28	9	20	1	11	..	15	3	6	..	3	1
Clinton, Mass.....	Sept. 5	13,667	3	..	..	..	..	..	..	..	..	..	..	..	..
Columbus, Ga.....	do.....	17,114	3	..	..	..	..	1	..	..	..	..	..	..	..
Covington, Ky.....	do.....	42,938	15	..	2	..	..	1	..	..	..	..	..	..	..
Danville, Ill.....	do.....	16,354	3	..	..	..	..	1	..	1	..	..	..	..	..
Dayton, Ohio.....	do.....	85,333	22	2	5	1	2	..	..	..	..	..	..	..	1
Detroit, Mich.....	do.....	285,704	129	..	..	..	..	1	..	..	..	..	..	..	..
Dunkirk, N. Y.....	do.....	11,616	6	2	1	..	..	1	..	..	..	..	..	..	2
Elkhart, Ind.....	do.....	15,184	5	..	..	..	..	..	..	..	..	..	..	..	..
Elmira, N. Y.....	do.....	35,672	12	1	..	2	1	..	..	..	..	..	..	..	..
Everett, Mass.....	do.....	24,336	6	..	..	1	..	..	..	..	..	..	..	..	..
Fall River, Mass.....	do.....	104,863	36	2	1	4	..	2	..	..	..	..	..	..	3
Findlay, Ohio.....	do.....	17,613	4	..	..	1	..	..	..	..	..	..	..	..	..
Fort Wayne, Ind.....	Aug. 22	50,947	16	..	2	4	..	..	..	..	..	..	..	..	..
Do.....	Aug. 29	50,947	21	2	1	2	..	..	..	..	..	..	..	..	..
Do.....	Sept. 5	50,947	13	..	2	2	..	..	..	..	..	..	..	..	..
Galveston, Tex.....	Sept. 4	37,789	9	1	..	2	..	..	..	..	..	..	..	..	..
Glen Falls, N. Y.....	Sept. 5	12,613	2	..	..	1	..	..	..	..	..	..	..	..	..
Gloucester, Mass.....	Aug. 29	26,121	11	..	..	..	..	..	..	..	..	..	..	..	..
Do.....	Sept. 5	26,121	8	..	..	..	..	..	..	..	..	..	..	..	..
Gr. Rapids, Mich.....	do.....	87,565	26	..	2	5	..	3	..	2	..	1	..	..	1
Greensboro, N. C.....	do.....	10,035	6	..	2	1	1	4	..	1	..	..	..	..	..
Greenville, S. C.....	Aug. 8	11,860	3	..	..	..	..	..	..	..	..	..	..	..	2
Do.....	Aug. 15	11,860	2	..	..	..	..	..	..	..	..	..	..	..	..
Do.....	Sept. 5	11,860	3	..	..	..	..	1	..	..	..	..	..	..	1
Harrison, N. J.....	Sept. 5	10,596	5	..	..	..	..	..	..	..	..	..	..	..	..
Haverhill, Mass.....	do.....	37,175	14	3	1	3	..	..	..	1	..	..	..	..	1
Hoboken, N. J.....	do.....	59,364	13	244	6	..	1	..	..	1	..	..	..	..	1
Hyde Park, Mass.....	do.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..

\*Intervening weeks previously reported.

*Weekly morbidity and mortality table, cities of the United States—Continued.*

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuber-	Enteric	Scarlet	Diph-	Measles.	Whoop-
				culesis.	fever.	fever.	theria.	Deaths.	cough.
Indianapolis, Ind.	Sept. 6	169,164	45	1	9	33	1	5	2
Jacksonville, Fla.	Sept. 5	28,429	16	2	2	3	—	—	—
Johnstown, Pa.	...do...	35,936	15	—	7	1	1	1	1
Kalamazoo, Mich.	Aug. 22	24,404	13	1	3	—	1	1	3
Do.	Aug. 29	24,404	15	1	2	2	—	—	—
Kansas City, Kans.	S pt. 5	51,418	8	1	1	4	2	1	2
Kansas City, Mo.	...do...	168,752	35	—	4	1	—	—	—
Kearny, N. J.	...do...	10,896	7	—	—	—	—	1	1
Knoxville, Tenn.	...do...	32,637	7	—	2	9	—	—	—
La Crosse, Wis.	...do...	28,895	8	13	1	—	—	2	—
La Fayette, Ind.	Sept. 7	18,116	5	—	1	—	—	—	—
Lancaster, Pa.	Sept. 5	41,459	11	—	1	2	—	—	3
Lawrence, Mass.	...do...	62,559	17	—	1	6	3	4	1
Lebanon, Pa.	...do...	17,628	8	—	1	1	—	—	—
Lexington, Ky.	...do...	26,369	10	1	2	1	1	2	—
Los Angeles, Cal.	Aug. 29	102,479	61	2	10	4	1	14	4 1 3
Lowell, Mass.	Sept. 5	94,969	38	3	3	6	—	1	—
Lynn, Mass.	Aug. 29	68,513	22	2	1	7	—	1	6
Do.	Sept. 5	68,513	30	1	1	8	1	2	2 3
Malden, Mass.	...do...	33,664	10	1	—	1	—	1	3
Manchester, N. H.	Aug. 29	56,987	23	4	4	—	1	—	1 1
Do.	Sept. 5	56,987	27	2	2	6	2	—	4
Mantotowoc, Wis.	...do...	11,786	2	—	—	—	—	—	—
Marinette, Wis.	...do...	16,195	0	—	—	—	—	—	—
Medford, Mass.	...do...	18,244	4	—	2	—	—	—	—
Melrose, Mass.	...do...	12,962	4	—	—	—	2	—	2
Mobile, Ala.	Aug. 29	38,469	21	—	3	5	2	—	—
Moline, Ill.	Sept. 6	17,248	4	—	—	—	—	—	—
Montclair, N. J.	Sept. 5	13,962	2	—	—	—	—	—	—
Montgomery, Ala.	...do...	30,346	24	—	—	—	—	2	—
Mt. Vernon, N. Y.	...do...	21,228	6	—	1	—	1	1	2
Nanticoke, Pa.	Sept. 7	12,616	0	1	—	—	—	1	—
Nashville, Tenn.	Sept. 5	80,865	40	3	8	5	6	9	1
Newark, N. J.	...do...	246,070	83	—	5	2	5	1	16
New Bedford, Mass.	...do...	63,442	31	4	1	6	—	—	—
New Brunswick, N. J.	Aug. 29	20,006	—	—	—	1	—	1	—
Do.	Sept. 5	20,006	—	—	1	—	—	—	—
Newburyport, Mass.	...do...	14,478	10	1	—	3	1	3	1
New Orleans, La.	...do...	278,104	125	13	15	7	1	10	1
Newton, Mass.	Aug. 29	33,587	7	—	—	3	—	1	1
Do.	Sept. 5	33,587	9	—	1	2	2	6	1 1
New York, N. Y.	...do...	3,437,202	1,321	466	155	138	11	85	9 175 22 57 5 7 6
Niagara Falls, N. Y.	...do...	19,457	9	1	3	2	1	1	2
Norristown, Pa.	July 11	22,265	10	3	—	—	—	—	—
Do.	July 18	22,265	5	—	—	2	1	—	—
Do.	July 25	22,265	7	20	2	3	1	—	—
Do.	Aug. 1	22,265	8	—	—	1	—	—	2 1
Do.	Aug. 8	22,265	6	6	—	9	—	—	—
Do.	Aug. 15	22,265	4	—	—	2	—	—	—
Do.	Aug. 22	22,265	7	—	—	1	—	—	1
Do.	Aug. 29	22,265	7	—	—	1	1	—	—
Do.	Sept. 5	22,265	5	5	—	3	—	—	—
North Adams, Mass.	...do...	24,200	3	2	—	1	—	1	—
Northampton, Mass.	...do...	18,643	8	—	—	2	—	—	—
Oneonta, N. Y.	Aug. 29	7,147	1	—	—	—	—	—	—
Do.	Sept. 5	7,147	7	—	—	—	—	—	—
Orange, N. J.	...do...	24,141	9	1	4	—	3	1	—
Ottumwa, Iowa.	...do...	18,197	2	2	—	2	—	—	—
Palmer, Mass.	...do...	7,801	4	—	—	1	—	—	—
Pittsburg, Pa.	Aug. 29	321,616	141	22	8	59	2	32	2
Pittsfield, Mass.	Aug. 22	21,766	9	2	—	3	—	—	—
Do.	Aug. 29	21,766	6	1	—	2	—	—	—
Do.	Sept. 5	21,766	5	—	—	4	—	—	—
Portsmouth, N. H.	...do...	10,637	—	—	—	1	—	1	—
Portsmouth, Va.	Sept. 8	17,427	3	—	—	1	—	1	—
Providence, R. I.	Sept. 5	175,597	—	8	5	2	—	9	1
Racine, Wis.	...do...	29,102	11	7	—	—	2	1	—
Reading, Pa.	Sept. 7	78,961	30	1	2	43	—	4	—
Richmond, Va.	Sept. 5	85,050	42	4	3	7	2	—	1
Rockford, Ill.	Sept. 3	31,051	—	—	—	—	—	12	—

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## Weekly morbidity and mortality table, cities of the United States--Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuber-	Enteric	Scarlet	Diph-	Measles.	Whoop-
				closis.	fever.	fever.	theria.	cases.	ing
		Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Saginaw, Mich.	Aug. 29	42,345	12	1	1	1	1		
St. Joseph, Mo.	Aug. 15	102,979	17	3	1	1	1		
Do	do	102,979	16	1	1	1	1		
Do	do	102,979	4			1			
San Antonio, Tex.	Aug. 29	53,321		4	1			1	
San Francisco, Cal.	do	342,782	119	19	14	5	2	9	1
Scranton, Pa.	do	102,026	30	1	7	4	2	3	2
Do	Sept. 5	102,026	31	1	7	8	2	4	
Somerville, Mass.	do	61,643	19	3	2	3	8	3	
South Bend, Ind.	do	35,999	9	1	1	1	1		1
Spokane, Wash.	Aug. 15	38,848	28	2	1	5	2	1	
Do	Aug. 22	38,848	33	3	5	1	2	3	
Do	Aug. 29	38,848	24	1	2	5	4		
Springfield, Ill.	Sept. 3	34,159	11			3			
Springfield, Mass.	Sept. 5	62,059	21	10		2		5	
Springfield, Ohio	do	38,253	17	3	1	4	3	1	
Steelton, Pa.	do	12,068	5	1	1	1			
Tacoma, Wash.	Aug. 30	37,714	13	1		1			
Taunton, Mass.	Sept. 5	31,036	10		2			1	
Terre Haute, Ind.	do	36,673	12	1	1				
Trenton, N. J.	do	73,307	1	5	1		2		
Waltham, Mass.	do	23,481	4		2		1		
Warren, Pa.	Aug. 26	8,043	3	1	1		1		2
Do	Sept. 2	8,043	2		1				5
Do	Sept. 9	8,043	2			1			
Wheeling, W. Va.	Sept. 5	38,878	15	5	1	1		5	
Wilkes-Barre, Pa.	Sept. 4	51,721	23	1	1	6	1	5	
Wilkinsburg, Pa.	Sept. 7	11,886	8			2			
Williamsport, Pa.	Sept. 5	28,757	9		1	1	2		
Wilmington, Del.	do	76,508	20	2					1
Woburn, Mass.	do	14,254	4			2			
Worcester, Mass.	Aug. 29	118,421	35	5	1		6	2	
Do	Sept. 5	118,421	32	2	3		3	11	1

<sup>a</sup> Intervening week previously reported.

## FOREIGN AND INSULAR.

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### BARBADOS.

*Report from Bridgetown—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Urquhart reports:

Week ended August 29. Bills of health issued to 9 vessels having a total number of 3 passengers and with 201 members of crews.

The sanitary condition of the vessels, cargoes, crews, and passengers was good. One vessel was fumigated.

Sanitary conditions in this port remain good, no quarantinable diseases being reported for the week for the port or island.

### BRAZIL.

*Reports from Rio de Janeiro—Inspection of vessels—Smallpox at Santos on the decrease—Mortality—Plague and smallpox.*

Acting Assistant Surgeon Stewart reports, August 14 and 21:

Week ended August 9. Bills of health were issued to the following-named vessels: August 4, the British steamship *Brantwood*, for New York, with a cargo of coffee, no passengers, and no change in the crew personnel; August 5, the British steamship *Bellnoch*, for New Orleans, La., with a cargo of coffee, no passengers, and with no change in the personnel of the crew while in this port, and on the same date the German steamship *Getrune*, for New York, with a cargo of coffee, 2 cabin passengers and no steerage from here, and with no change in the crew personnel while in port.

The last reports of smallpox in Santos indicate that the disease is on the decrease. Precautions are being taken in the management and handling of the shipping between this port and Santos, especially in the case of the Brazilian coastwise trade.

*Mortality—Plague and smallpox*—Week ended August 9. Total deaths, 497. Smallpox caused 242 deaths with 687 new reported cases, this being an increase of 168 new reported cases over the preceding week. No cases of plague and yellow fever were reported. One death from plague was reported.

At the close of the week the report of the infectious disease hospitals was as follows: São Sebastião, 461 cases of smallpox under treatment; Hospital of Engenho de Dentro, 119 cases of smallpox under treatment, and the Hospital Paul Cândido, 177 cases of convalescents from smallpox.

During the week ended August 16 there were no cases or deaths reported at Rio de Janeiro as due to yellow fever or plague. Small-

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pox, however, caused 738 new reported cases and 268 deaths, an increase over the week before, when there were 687 cases and 242 deaths. At the close of the week there were in the Hospital São Sebastião 492 cases of smallpox and 1 case of plague under treatment. In the Hospital Engenho de Dentro there were 143 cases of smallpox under treatment. In the Hospital Paulo Cândido there were 206 convalescents from smallpox under treatment.

Week ended August 16, the following-named vessels were inspected and granted bills of health: August 12, the British steamship *Redhill*, for New Orleans, La., and the British steamship *Crown Prince*, for New York; August 13, the British steamship *Trowbridge*, for Pensacola, Fla.; August 14, the British steamship *Birmingham*, for Savannah. All the three steamships for southern United States ports made their trip via the Island of St. Lucia or Barbados.

#### BRITISH HONDURAS.

##### *Report from Belize, fruit port.*

Acting Assistant Surgeon Mengis reports:

Week ended September 3. Present officially estimated population, 10,000. General sanitary condition of this port and the surrounding country during the week, very good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Aug. 28	Bertha .....	New Orleans.....	30	11	1
29	Chelston .....	Boston via Inagua, with 67 laborers in transit.	30	0	0

#### CHINA.

##### *Report from Hankau—Cholera epidemic.*

The following is received from Vice-Consul-General Pontius, at Hankau, under date of July 27: More than 200 deaths among the native population have resulted from the epidemic of cholera. The number among foreigners is 8 cases with 7 deaths.

##### *Report from Hongkong—Quarantine restrictions—Plague and cholera—Inspection of vessels.*

Acting Assistant Surgeon Hough reports, August 6:

Week ended August 1. Restrictions enforced by Hongkong remain as reported on July 18. Restrictions enforced against Hongkong by Singapore for smallpox have been withdrawn.

Quarantinable diseases: Plague, 6 cases, 5 deaths; cholera, 4 cases, 3 deaths.

Vessels inspected and granted bills of health, 6.

*Reports from Shanghai—Cholera in Chinese cities—Sanitary conditions—Quarantine precautions.*

Former Acting Assistant Surgeon Hansom reports, August 17 and 18: Asiatic cholera now prevails to some extent among the natives along the water front in this city. This disease is also epidemic in Amoy and Hankow, claiming at the latter port some 60 victims per day, the total mortality at the last report having reached 1,860, among the fatal cases being a number of foreigners. The disease is also very prevalent at Su Chow, Wo Sieh, Hang-chow, Ning Po, and other native cities in this vicinity, and at Nankin.

Shanghai is at the present time free from smallpox and, with the exception of cholera and leprosy, of other quarantinable diseases.

In view of the fact that cholera has again made its appearance in this vicinity, quarantine precautions as to outgoing vessels, freight, and personnel are required at Shanghai.

Vessels and their personnel are inspected at the hour of sailing and, where necessary, the holds of vessels are fumigated, the personnel is bathed, and their effects are disinfected. The cargo is inspected and articles required to be disinfected are so treated.

For the purpose of providing for disinfection where necessary, there is a floating disinfecting plant consisting of a hulk fitted with a jacketed steam chamber, a formaldehyde gas generator, antiseptic shower baths with warm water, and facilities for burning sulphur.

COSTA RICA.

*Report from Limon, fruit port—Increase of Stegomyia and Anopheles.*

Acting Assistant Surgeon Goodman reports:

Week ended August 29: Estimated population, 6,000. General sanitary condition of this port and the surrounding country during the week, good. The intermittent rains seem to have increased the number of *Anopheles* and *Stegomyia calopus*.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Aug. 23	Limon .....	Boston .....	44	4	0
24	Sarnia .....	New York .....	44	92	0
26	Ellis .....	New Orleans .....	36	7	26
27	Taunton .....	Mobile .....	23	5	0
28	Miami .....	New York .....	49	6	0
29	Corinto .....	New Orleans .....	21	7	0

One bill of health for Panaman port was viséed, and certificates were issued to 7 passengers bound for Colon.

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## CUBA.

*Report from Cienfuegos—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Villoldo reports, August 31:  
 Week ended August 29:

Bills of health issued.....	3
Vessels inspected and fumigated.....	1
Vessels not inspected.....	2
Members of crews inspected.....	23
Members of crews not inspected.....	61

No quarantinable diseases were reported during the week and health conditions in Cienfuegos continue good.

*Report from Habana—Inspection and fumigation of vessels—House and water-deposit inspection—Stegomyia—Sanitary work at Firmeza—Summary of yellow fever in Cuba.*

Passed Assistant Surgeon Amesse reports, September 8:

Vessels inspected.....	13
Bills of health issued.....	15
Members of crews of outgoing vessels inspected.....	753
Passengers of outgoing vessels inspected.....	654
Certificates of immunity to yellow fever issued.....	20
Vaccination certificates issued for Colon.....	12
Certificates issued to passengers bound for New York.....	221
Certificates issued to passengers bound for Southern ports.....	240
Vessels fumigated prior to sailing.....	5

In the routine work of the city health department for this period 11,162 house inspections were made and 22 deposits of mosquito larvæ discovered, 10 of which were those of *Stegomyia calopus*.

All prophylactic measures have been taken at Firmeza, Oriente Province, where a case of yellow fever occurred August 22. A squad of 200 men will continue the antimosquito campaign until the focus is eliminated. Firmeza is a mining town of about a thousand inhabitants, 9 miles from Santiago de Cuba and adjoining Daiquiri, where cases were previously reported.

For the current year there have thus far been reported for the island of Cuba 46 cases of yellow fever with 12 deaths.

*Yellow fever case at Habana.*

Doctor Amesse further reports:

A patient from Habana at Las Animas Hospital with every evidence of yellow fever. Nonimmune Spaniard two years in Cuba; one month passed in café on San Pedro street, near Machina. District badly infested with *Stegomyia* and inhabited almost entirely by Spaniards, Guiteras, Finlay, and self consider it a typical case.

September 14. Diagnosis of yellow fever in Las Animas case confirmed this morning by fever commission, chief surgeon army of pacification, and Service representative. Patient came from insanitary district on water front near Machina and has not left the city for over a month. Probab'y infected by mild case from Daiquiri or Antilla. This being a secondary case and the patient unattended first four days

of sickness recommend immediate institution quarantine measures in force last summer, transports to be fumigated here and held to complete six days at Cape Charles, all prophylactic measures being carried out by sanitary department.

September 16. Yellow-fever case terminated fatally to-day.

The officers in charge of the Gulf and South Atlantic quarantine stations were informed by the Bureau, September 14, of the appearance of a secondary case of yellow fever at Habana.

*Quarantine measures instituted.*

Doctor Amesse was instructed by the Bureau as follows:

September 16. Enforce provisions paragraph 108, quarantine regulations, against all vessels departing from Habana for southern ports United States, same as last year. Demand detention nonimmunes Tricornia six days prior to embarkation for Tampa, Knights Key, and Key West, Fla.; five days for all other Gulf ports. Notify transportation companies.

*Report from Matanzas—Inspection of vessels—Summary for month of August, 1908.*

Acting Assistant Surgeon Nuñez reports, September 7:

Week ended September 5. Bills of health were issued to 2 vessels clearing for United States ports in good sanitary condition. There were no vessels fumigated. Certificates of nonexposure to yellow-fever infection were issued to 3 passengers bound to New York via Habana.

No quarantinable diseases were reported during the week.

During the month of August 12 bills of health were issued to vessels leaving for United States ports, having an aggregate number of 357 members of crews and 3 passengers, of which 2 were in transit and 1 taken on at this port, the latter bound for New Orleans; 4 health and acclimation certificates and 8 of nonexposure to yellow-fever infection granted to passengers going to the United States by way of Habana; and 6 vessels were fumigated, of which 5 were with reference to yellow fever and 1 as a precautionary measure against plague.

No quarantinable disease reported either in the city or province during the month.

*Report from Santiago—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Wilson reports, September 2:

Week ended August 29. Bills of health were issued to four vessels bound for the United States. One vessel, the steamship *Gracia*, bound direct for Tampa, was fumigated before departure to kill mosquitoes.

No quarantinable disease was reported in the city during the week.

No case of yellow fever was reported at Daiquiri during the week.

Report of the mosquito work for the week: Houses inspected, 6,080; houses in which larvae were found, 40.

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## ECUADOR.

*Reports from Guayaquil—Inspection and fumigation of vessels—Plague, smallpox, and yellow fever.*

Assistant Surgeon Wightman, in temporary charge, reports, August 16 and 21:

During the week ended August 1 two steamships were fumigated. They carried an aggregate personnel of 195 in the crews, with 87 cabin and 30 steerage passengers.

During the same week 62 deaths were recorded in Guayaquil, among the causes of which were the following: Yellow fever 1, smallpox 4, plague 2.

Week ended August 8. Fifty-four deaths were reported for Guayaquil, among the causes of which were 4 cases of smallpox. No death from yellow fever or plague was reported during the week.

Week ended August 15. Three steamships were dispatched, of which two were fumigated. Fifty-one deaths were reported for Guayaquil, among the causes of which were yellow fever 1 and smallpox 4. No death from plague was reported.

## GERMANY.

*Report from Berlin—Cholera in Russia.*

The following is received from Consul General Thackara, at Berlin, under date of August 29:

In Zarizyn, government district of the Volga, the cholera epidemic continues to spread, the average number of deaths from cholera in this district being 250 per day.

## GUATEMALA.

*Report from Puerto Barrios, fruit port.*

Acting Assistant Surgeon Wailes reports:

Week ended September 3. Present officially estimated population, 250. General sanitary condition of this port and the surrounding country during the week, good.

Bill of health issued to the following-named vessel:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Sept. 3	Preston .....	25	15	0	0

## HAWAII.

*Report from Honolulu—Examination of rats for plague infection.*

Passed Assistant Surgeon Currie reports, August 22, through Chief Quarantine Officer Cofer:

*Week ended August 22.*

Rats trapped in Honolulu.....	794
Rats from Honolulu examined in this laboratory .....	651
Total rats destroyed .....	794

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1346

## CLASSIFICATION OF HONOLULU RATS.

Mus rattus.....	156
Mus norvegicus.....	102
Mus alexandrinus.....	82
Mus musculus.....	449
Total classified.....	794
Average number of traps set daily.....	1,438
Rats from Honolulu showing plague infection.....	0

## HONDURAS.

*Report from Ceiba, fruit port.*

Acting Assistant Surgeon Jumel reports:

Week ended September 1. Present officially estimated population, 6,500. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Aug. 26	Marietta Di Giorgio.....	20	0	0	0
28	Rosina .....	35	4	0	0
30	Harald.....	18	0	0	0
31	Viator .....	17	0	0	0

*Reports from Puerto Cortez, fruit port—Stegomyia and Anopheles present—Sanitary improvements.*

Acting Assistant Surgeon Ames reports:

Week ended August 29. Present officially estimated population, about 2,400. General sanitary condition of this port and the surrounding country, very good. Stegomyia calopus and anopheles, present. Sanitary improvements have begun in the city—the oiling of water tanks and the filling in of low places, about 700 cubic feet of filling material being dumped daily.

Bills of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Aug. 24	Utstein .....	Mobile .....	15	0	0
25	Helen .....	do .....	22	3	0
26	Harald .....	New Orleans.....	18	0	0
26	Marietta .....	Portsmouth .....	138	0	0
28	Lebanon .....	New York.....	33	0	0
28	Katie .....	Mobile .....	22	6	0

Temperature taken of all persons on above-named commercial steamships on day of sailing.

United States vessels, naval surgeon's certificate accepted in lieu of inspection.

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*Report from Tela, fruit port.*

Acting Assistant Surgeon Roe reports:

Week ended August 29. Present officially estimated population, about 1,250. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health issued to the following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Aug. 29	Harald.....	New Orleans.....	19	0	0

## INDIA.

*Report from Calcutta—Transactions of Service—Cholera, plague, and smallpox—Plague in India and Bengal.*

Acting Assistant Surgeon Allan reports, August 13:

During the week ended August 8, a bill of health was issued to the steamship *Kasaman* bound for Boston and New York with a total crew of 46 and 2 European and 5 Asiatic passengers to Colombo. The usual precautions were taken, the holds fumigated, rat guards placed on the wharf lines and the Asiatics' effects disinfected.

During the week ended August 1 there were 11 deaths from cholera, 18 from plague, and 6 from smallpox.

In Bengal during the week ended August 1, there were 25 cases and 22 deaths from plague.

In India during the same period there were 755 cases and 553 deaths from plague.

## ITALY.

*Reports from Naples—Inspection of vessels—Emigrants recommended for rejection—Smallpox in Naples—Smallpox in Italy.*

Assistant Surgeon Wollenberg reports, August 24:

*Vessels inspected at Naples and Palermo week ended August 22.*

## NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Aug. 17	Columbia.....	Philadelphia via Boston.....	.....	.....	.....
20	Duca degli Abruzzi	New York.....	516	95	680
20	Venezia .....	do.....	201	50	350
21	San Giovanni.....	do.....	122	20	210
21	Prinzess Irene.....	do.....	245	60	420
	Total .....		1,084	225	1,660

## PALERMO.

Aug. 22	San Giovanni.....	New York .....	127	130	80
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*Rejections recommended.*

## NAPLES.

Date.	Name of ship.	Tra-choma.	Favus.	Sus-ppected tra-choma.	Sus-ppected favus.	Other causes.	Total.
Aug. 17	Columbia.....						...
20	Duca degli Abruzzi.....	16		3		3	22
20	Venezia .....	4		4		2	10
21	San Giovanni.....	4		1			5
21	Prinzess Irene .....	3		5		3	11
	Total .....	27		13		8	48

## PALERMO.

Aug. 22	San Giovanni.....	8	.....	8	.....	1	17
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*Smallpox in Naples.*—During the week ended August 23, 1908, 7 cases of smallpox, with no deaths, were reported at the health office of the municipality of Naples. From the date of the introduction of the disease, June 13, 1908, to the present, the total number of cases has been 81, with 7 deaths.

*Smallpox in Italy.*—Week ended August 16. Cases: Baceno (Novara) 1; Castel San Pietro 1, Castel d' Argile (Bologna) 1; Bolsena 4, Terracina (Rome) 2; Avezzano (Aquila) 1; Crecchio (Chieti) 3; Naples 4, Poggiomarino 1, Pollena Trocchia 3, Villaricca 1, Pianura (Naples) 1; Marsiconuova 1, Barile (Potenza) 1; Giffone 84, Cinquefrondi 3, Maropati (Reggio Calabria) 2; Terranova (Caltanissetta) 1.

Week ended August 23. Cases: Grignano d' Aversa (Coserta) 1; Naples 1, Anacapri 1, Secondigliano 1, Cerevlor 1, San Giovanni a Teduccio (Naples) 1; Barile 2, Montemilone (Potenza) 1; Cinquefrondi 1, Giffone (Reggio Calabria) 14.

## JAPAN.

*Report from Kobe—Inspection of vessels—Examination of emigrants.*

Acting Assistant Surgeon Smith in temporary charge reports, August 19:

During the week ended August 15 seven supplemental bills of health were granted to 7 steamships.

There were inspected 248 members of crews and 499 steerage passengers. There were 35 members of crews and 52 steerage passengers bathed and disinfected, and their effects were disinfected by steam. The number of pieces of baggage steamed was 221 and of bedding 104. Manifests were viséed for 66,697 pieces of freight, amounting to 6,293 tons.

Emigrants were examined as follows: Steamship *Asia* for Honolulu, passed 16, recommended for rejection 10; steamship *Tango-Maru* for Seattle, passed 17, recommended for rejection 10; steamship *Mongolia* for Honolulu, passed 14, recommended for rejection 11.

The emigrants passed together with 4 intending passengers to Victoria by the steamship *Tango-Maru* were inspected, bathed, and disinfected. Their effects were disinfected before embarkation. During the week 4 cases of human hair were disinfected with formalin.

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*Reports from Yokohama—Inspection of vessels—Dysentery—Leprosy hospitals—Cholera—Cholera at Shanghai.*

Passed Assistant Surgeon Cumming reports, August 22 and 24:

During the week ended August 15 bills of health were issued to 5 steamships, having an aggregate personnel of 24 saloon and 246 steerage passengers, and 336 members of crews.

Fifteen cases of bacillary dysentery have been reported by the authorities on the watershed of the city supply. A large force of sanitary men has been sent to the region. According to the home department report of the census of July 10, 1908, there have occurred throughout the Empire 2,021 cases of dysentery, against 1,318 last year.

Cholera has broken out at Kure, the naval station in the Inland Sea near Hiroshima, and a vessel from Calcutta is in quarantine at this port with 4 cases on board.

Three sites for leprosy hospitals have been chosen of the 5 authorized eighteen months ago. Segregation will begin not before next April, when it is estimated that of the 23,815 known needy cases at least 1,082 will require hospital treatment.

*Plague in Formosa.*—Up to the end of June 1,265 cases have been reported.

Bills of health were issued during the week ended August 22 to 5 steamships, having an aggregate personnel of 598 in the crews, 322 steerage and 149 cabin passengers. The steamship *Yawata Maru*, for Australia via Manila, was fumigated.

One case of cholera was reported near Tokyo and one at Kawasaki, a few miles from here, August 23. The steamship reported in my last letter as being in quarantine with cholera is still held, and the disease is spreading, both master and physician being attacked August 23. The disease has arrived at Shanghai from up the river, and is spreading there rapidly.

**[MEXICO.]***Report from Acapulco—Death from yellow fever on steamship *Manuel Herrerias* from Salina Cruz.*

The following is received from the Department of State, under date of September 14:

The Department is in receipt of a telegram from the American consul at Acapulco, Mexico, dated September 12, which reads: "Mexican steamship *Manuel Herrerias* quarantined here. Sailor died from yellow fever after leaving Salina Cruz."

*Reports from City of Mexico—Yellow fever at Veracruz and Merida.*

The following are received from Dr. Eduardo Liceaga, President of the Superior Board of Health of Mexico:

September 2. There was 1 new case of yellow fever at the port of Veracruz on August 31.

There was a new case of yellow fever at Merida August 31.

*Report from Coatzacoalcos—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Thompson reports, September 3:

Week ended September 2. Three steamships were inspected. Two of these were fumigated.

No cases of any quarantinable disease have been reported and the health of the port is satisfactory.

*Report from Salina Cruz—Inspection and fumigation of vessels.*

Acting Assistant Surgeon McPherson reports, September 1:

During the period August 16 to 31, inclusive, 2 steamships were inspected and fumigated on clearing from this port for the United States.

*Report from Tampico—Inspection and fumigation of vessels—Sanitary conditions.*

Acting Assistant Surgeon Stowe reports:

*Week ended September 1.*

Vessels inspected and passed.....	5
Bills of health issued.....	5
Members of crews of outgoing vessels inspected .....	163
Vessels fumigated prior to sailing.....	2

The sanitary condition of this port is good.

*Reports from Veracruz—Inspection and fumigation of vessels—Yellow fever.*

Acting Assistant Surgeon Jacobs reports, August 30 and September 6:  
Week ended August 29.

Six vessels were inspected. Of these, 4 were fumigated.

These vessels had a total of 383 members of crews, 151 cabin passengers, and 56 steerage passengers.

Excepting yellow fever no quarantinable disease has been reported. One case of yellow fever was reported during the week (August 28).

Week ended September 5.

Bills of health issued, 7; vessels fumigated and inspected, 5; vessels inspected only, 2; total members of crews inspected, 320; total passengers, cabin 926, steerage 56.

Last cases yellow fever reported August 21 and 28, 1908.

**NICARAGUA.***Report from Bluefields, fruit port—Mosquitoes.*

Acting Assistant Surgeon Layton reports:

Week ended September 4. Present officially estimated population, 2,500. General sanitary condition of this port and the surrounding country during the week, good. *Stegomyia calopus* very scarce. *Culex fatigans* are the prevailing mosquitoes.

Bill of health issued to following-named vessel:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Sept. 4	John Wilson.....	New Orleans, La .....	18	3	0

Temperatures of all on board above-named ship taken prior to sailing.

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## PANAMA.

*Report from Bocas del Toro, fruit port.*

Acting Assistant Surgeon Osterhout reports:

Week ended September 1. General sanitary condition of this port and the surrounding country during the week, good. Present officially estimated population, 4,954.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.	Pieces of baggage disinfected.
Aug. 27	Fort Morgan .....	Mobile .....	24	0	0	0
28	José .....	New York via Santa Marta.	28	9	0	0
28	Greenbrier.....	New Orleans.....	46	0	0	0
29	Karen .....	Mobile .....	24	1	0	0

## PHILIPPINE ISLANDS.

*Reports from Manila—Cholera and smallpox—Cholera in Manila and in the provinces—Inspection of vessels.*

Chief Quarantine Officer Heiser reports, July 27 and August 3:

Week ended July 25. Two cases of cholera, with 1 death, and 7 cases of smallpox, with 5 deaths, were reported for the city of Manila.

The conditions with regard to cholera in the provinces remain about the same as for the previous week. The number of cases for the week under report was as follows.

Provinces.	Cases.	Deaths.
Benguet.....	2	1
Bulacan .....	8	4
Capiz.....	50	26
Ilocos Sur.....	169	127
Iloilo.....	6	4
Misamis.....	169	62
Nueva Ecija .....	74	59
Pampanga .....	24	17
Pangasinan.....	498	299
Tarlac .....	24	19
Union.....	24	19
Total.....	1,048	637

In the city of Manila there were 2 cases during the week, both of which were confirmed by cultures. In neither one of these cases could the source of the infection be traced to outside sources. A house-to-house inspection has been made of the block in which the cases occurred, but more than 5 days have now elapsed and no further cases have appeared. With a view of ascertaining whether there were any "cholera carriers," stool examinations were made of the persons who lived in the block in which the above cases occurred, which all proved negative with the exception of one case in which a vibrio has been detected, but which will require considerable additional study before

a definite decision can be reached as to the identity of the organism. The person from whom the specimen was taken is still in good health.

During the week consular bills of health were issued at the port of Manila as follows:

July 25, the British steamship *Suveric*, with 49 in the crew and with 1 passenger, was granted a bill of health for Tacoma, after the usual inspection of personnel and cargo.

July 25, the British steamship *Suruga*, with 50 in the crew, en route from Yokohama to Boston and New York via Cebu, was granted a supplemental bill of health. The cargo and personnel were inspected and certified.

Week ended August 1. Fourteen cases of cholera with 11 deaths and 2 cases of smallpox with 1 death were reported for the city of Manila.

There is a considerable increase in the number of cholera cases reported for the week. Two new centers of infection have appeared in the city, one of them in the district of Tondo, subdistrict of Bancusay, which is on a small island bounded on the one side by the Bay of Manila and on the other by a canal into which a large portion of the city sewage finds its way; the other center is located on the island of Palomar, very near the center of the city, and bounded by a number of canals, the sanitary condition of which leaves much to be desired. This section, however, is occupied by stables and tanneries only, the occupants of which are mostly persons who work in these places, and is a location in which cholera has nearly always made its appearance in previous years. So far it has not been possible to trace this infection to any outside source, most of the cases not having been found until after death, and the most strenuous efforts to obtain information from the persons on the premises failed to throw any light on the situation. A most careful house-to-house inspection has been made in these two infected districts, with the result that several other cases were found. Several cases also occurred in the district of Sampoloc and 1 case in Singalon, both of which are miles away from the known infected centers. No connection could be traced to outside sources.

The "cholera carrier," of whom mention was made in last week's report, was placed under observation at the San Lazaro Hospital and is still apparently in excellent health, but examinations of his stools, made at frequent intervals, show that cholera vibrios are undoubtedly present.

Cholera in the Province of Iloilo, though not confirmed by laboratory diagnosis, presents such features as to leave small room for doubt that the disease is actually cholera. Cases and deaths have occurred in Santa Barbara, Jaro, port of Iloilo, Ascarraga, Barotac, and Dumangas.

The total number of cases in the provinces has remained about the same, the disease clearing up rapidly in those provinces which were first affected, the cases in the provinces affected later remaining about stationary.

A most noteworthy occurrence is the fact that, with practically no exceptions, the cholera is entirely confined to those persons who are insufficiently nourished and who are, generally, in poor circumstances.

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The following list of the cases and deaths occurring in the provinces is believed to be approximately correct:

Province.	Cases.	Deaths.
Benguet .....	3	2
Bulacan .....	21	13
Ilocos Sur .....	259	210
Misamis .....	138	52
Nueva Ecija .....	101	82
Pampanga .....	11	13
Pangasinan .....	293	189
Tarlac .....	64	50
Union .....	59	44
Iloilo:		
Jaro .....	17	10
Iloilo .....	3	1
Santa Barbara .....	15	9
Ascarraga .....	20	20
Total .....	1,004	695

During the week consular bills of health were issued at the Port of Manila as follows:

July 27, 1908, the British steamship *Bellerophon*, with 86 in the crew, en route from Liverpool to Seattle and Tacoma, was granted a supplemental bill of health after the usual inspection of cargo and personnel.

#### RUSSIA.

##### *Report from St. Petersburg—Cholera situation in Russia.*

The following was received from the Consul-General at St. Petersburg, through the Department of State, under date of August 22:

A notice from the Ministry for Foreign Affairs states that there have been 538 cases of cholera reported during the week from August 7 to August 14, distributed as follows:

Governments, etc.	Cases.	Deaths.
Astrakhan .....	230	114
Saratov .....	110	103
Samara .....	12	.....
Simbirsk .....	1	.....
Tula .....	2	1
Oufa .....	1	1
Kouban Terr .....	2	2
Don Terr .....	24	5
Nijni Novgorod, city .....	3*	3
Kazan, city .....	.....	1
Rostov-on-Don, city .....	82	32
Kharkov, city .....	1	.....
Baku, city .....	3	2
Nakhichevan, city .....	19	6

The prefecture of Rostov-on-Don and the city of Nijni Novgorod are declared infected, and the governments of Stavropol and of the Black Sea, the territory of the Kouban, the districts of Vassilsoursk, Makariev, Demenov, Balakhna, Gorbatshev, and Nijni Novgorod, in the government of Nijni Novgorod, the districts of Cheboksary and of Kosmodémiansk, in the government of Kazan, the district of Novo Ouzensk, in the government of Samara, and the river Volga between the cities of Nijni Novgorod and Rybinsk, are declared to be threatened with the disease.

## ST. LUCIA ISLAND.

*Report from Castries—Quarantine against Martinique enforced—Yellow fever at Martinique.*

Acting Assistant Surgeon Maylie reports, August 24:

Week ended August 22. The sanitary condition of this port and vicinity is good. No quarantinable diseases exist.

Regulations as to quarantine and fumigation are being strictly enforced against all vessels from Martinique. It is reported that yellow fever is on the increase in Martinique, and that there has been a total of 18 cases to date.

## VENEZUELA.

*Report from Caracas—Plague.*

The following is received from Consular Agent Brewer, at Caracas, under date of August 23:

Since August 10 there have been comparatively few new cases of plague in this city. As far as I can learn 4 cases have occurred in the past two weeks, the last case being reported August 21.

## FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

ALGERIA—*Algiers*.—Month of July, 1908. Estimated population, 155,000. Total number of deaths, 299, including enteric fever 2, smallpox 11, and 44 from tuberculosis.

AFRICA—*Sierra Leone*—*Freetown*.—Month of July, 1908. Estimated population, 40,000. Total number of deaths 75. No deaths from contagious diseases reported.

*Lourenço Marquez*.—Month of July, 1908. Estimated population, 10,000. Total number of deaths, 29, including beriberi 5, and 6 from tuberculosis.

BRAZIL—*Bahia*.—Month of July, 1908. Estimated population, 265,000. Total number of deaths, 497, including smallpox 8, enteric fever 3, and 66 from tuberculosis.

*Ceará*.—Month of July, 1908. Estimated population, 50,000. Total number of deaths, 79, including enteric fever 3, whooping cough 2, and 11 from tuberculosis.

*Sao Paulo, Santos, and Campinas*.—Week ended July 26, 1908. Estimated population, 300,000. Total number of deaths, 199, including measles 4, whooping cough 2, smallpox 1, and 4 from tuberculosis.

Week ended August 2, 1908. Total number of deaths, 172, including smallpox 3, measles 1, diphtheria 1, whooping cough 3, enteric fever 1, and 8 from tuberculosis.

Week ended August 9, 1908. Total number of deaths, 184, including whooping cough 1, measles 2, smallpox 8, and 10 from tuberculosis.

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**CANADA—Quebec—Sherbrooke.**—Month of August, 1908. Estimated population, 14,709. Total number of deaths, 19, including 2 from tuberculosis.

**FRANCE—Calais.**—Month of August, 1908. Estimated population, 70,000. Total number of deaths not reported. Twenty-two deaths from tuberculosis.

**Nice.**—Month of July, 1908. Estimated population, 150,881. Total number of deaths, 220, including diphtheria 2, enteric fever 4, measles 4, and 31 from tuberculosis.

**Toulon.**—Month of July, 1908. Estimated population, 105,000. Total number of deaths, 151, including scarlet fever 1, and 2 from enteric fever.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 76 great towns in England and Wales during the week ended August 22, 1908, correspond to an annual rate of 15.8 per 1,000 population, which is estimated at 16,234,952.

**London.**—One thousand three hundred and six deaths were registered during the week, including measles 25, scarlet fever 6, diphtheria 22, enteric fever 3, whooping cough 7, tuberculosis 158, and 245 from diarrhea. The deaths from all causes correspond to an annual rate of 14.2 per 1,000. In Greater London 1,849 deaths were registered. In the "outer ring" the deaths included 3 from measles, 2 from scarlet fever, 3 from diphtheria, and 3 from whooping cough.

**Ireland.**—The average annual death rate represented by the deaths registered during the week ended August 22, 1908, in the 21 principal town districts of Ireland was 19.5 per 1,000 of the population, which is estimated at 1,131,959. The lowest rate was recorded in Drogheda, viz, 4.1, and the highest in Wexford, viz, 37.4 per 1,000.

**Scotland.**—The deaths registered in 8 principal towns during the week ended August 22, 1908, correspond to an annual rate of 15.2 per 1,000 of the population, which is estimated at 1,839,038. The highest rate of mortality was recorded in Greenock, viz, 21.1, and the lowest in Aberdeen, viz, 12.6 per 1,000. The aggregate number of deaths registered from all causes was 536, including measles 3, enteric fever 8, diphtheria 7, and 19 from whooping cough.

**HAWAII—Honolulu.**—Month of July, 1908. Census population, 39,306. Total number of deaths, 53, including enteric fever 1, and 8 from tuberculosis.

**ITALY—Genoa.**—Month of July, 1908. Estimated population, 273,011. Total number of deaths, 385, including enteric fever 12, diphtheria 2, measles 1, scarlet fever 1, and 36 from tuberculosis.

**OCEANIA—Society Islands—Tahiti.**—Five weeks ended August 16, 1908. Estimated population, 4,000. Total number of deaths, 8, including enteric fever 2, and 1 from tuberculosis.

**SWITZERLAND.**—Week ended August 8, 1908. Reports from 18 cities, having an aggregate population of 876,946, show as follows: Total number of deaths, 247, including diphtheria 1, measles 2, whooping cough 4, enteric fever 2, and 48 from tuberculosis.

**Week ended August 15, 1908.** Total number of deaths, 196, including diphtheria 4, whooping cough 2, and 26 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, from June 27 to September 18, 1908.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

[For reports received from December 27, 1907, to June 26, 1908, see PUBLIC HEALTH REPORTS for June 26, 1908.]

[**NOTE.**—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon, general . . . . .	May 17-23 . . . . .	1		
Colombo . . . . .	June 7-July 18 . . . . .	32	22	20 cases in the asylum for the insane.
China:				
Amoy . . . . .	July 26-Aug. 8 . . . . .	5	2	Aug. 11, still present.
Canton . . . . .	June 21-27 . . . . .			Present.
Hankau . . . . .	July 19-25 . . . . .	8	5	July 27-Aug. 8, epidemic among natives.
Hongkong . . . . . *	June 14-Aug. 1 . . . . .	25	18	
Shanghai . . . . .	Aug. 17-23 . . . . .			Present, and in vicinity.
India:				
Bombay . . . . .	May 20-Aug. 11 . . . . .	20		
Calcutta . . . . .	May 10-Aug. 1 . . . . .	248		On S. S. Annie, en route May 23-June 1, 2 deaths.
Madras . . . . .	May 16-Aug. 7 . . . . .	148		
Rangoon . . . . .	May 17-July 18 . . . . .	56		
Indo-China:				
Bien Hoa . . . . .	June 21-27 . . . . .	60	59	
Cholen . . . . .	May 10-Aug. 1 . . . . .	156	152	
Saigon . . . . .	May 10-Aug. 1 . . . . .	92	63	Reports May 23 and June 6 include Cholen.
Japan:				
Kawasaki . . . . .	Aug. 23 . . . . .	1		
Kure . . . . .	Aug. 15 . . . . .			Present on steamer from Calcutta.
Moji . . . . .	Aug. 8 . . . . .	2		1 case from Yamaguchi Ken.
Tokyo . . . . .	Aug. 22 . . . . .	1		Present in vicinity.
Tokushima . . . . .	Aug. 2-8 . . . . .	1		
Yokohama . . . . .	Aug. 17-23 . . . . .	5	1	On British steamer in quarantine.
Persia:				
Teheran . . . . .	July 3 . . . . .	1	1	
Philippine Islands:				
Manila . . . . .	June 7-Aug. 1 . . . . .	18	14	3 cases to June 23 on railroad from Pangasinan Province. First quarter calendar year 1908, 203 cases, 167 deaths.
Provinces, general . . . . .	July 12-18 . . . . .	3	2	First quarter calendar year 1908, 806 cases, 628 deaths. Provinces north of Manila, June 28-July 4, 614 cases, 331 deaths.
Ascurrago . . . . .	July 26-Aug. 1 . . . . .	20	20	
Bataan . . . . .	Jan. 1-Mar. 31 . . . . .	20	18	
Benguet . . . . .	July 26-Aug. 1 . . . . .	5	3	
Bulacan . . . . .	Jan. 1-Aug. 1 . . . . .	120	89	
Capiz . . . . .	Jan. 1-Aug. 1 . . . . .	328	251	
Cavite . . . . .	Jan. 1-Mar. 31 . . . . .	22	20	
Ilocos Sur . . . . .	July 12-Aug. 1 . . . . .	526	424	
Jaro . . . . .	July 26-Aug. 1 . . . . .	17	10	
La Laguna . . . . .	Jan. 1-Mar. 31 . . . . .	3	2	
Mindoro . . . . .	Jan. 1-Mar. 31 . . . . .	32	20	
Misamis . . . . .	July 12-Aug. 1 . . . . .	572	303	Including Balingasang and Cagayan.
Nueva Ecija . . . . .	July 4-Aug. 1 . . . . .	345	271	
Nueva Vizcaya . . . . .	July 12-18 . . . . .	6	6	
Pampanga . . . . .	Jan. 1-Aug. 1 . . . . .	180	148	
Pangasinan . . . . .	Jan. 1-Aug. 1 . . . . .	1,874	1,097	
Rizal . . . . .	Jan. 1-Mar. 31 . . . . .	148	116	
Santa Barbara . . . . .	July 26-Aug. 1 . . . . .	15	9	
Tarlac . . . . .	Jan. 1-Aug. 1 . . . . .	172	126	
Union . . . . .	July 12-Aug. 1 . . . . .	165	121	
Zambales . . . . .	Feb. 2-Mar. 31 . . . . .	62	48	

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*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Astrakhan govt. district	July 19-Aug. 14	322	152	
Baku	Aug. 7-14	3	2	
Batoom	Ang. 10			Present in vicinity.
Don, territory of	July 19-Aug. 14	38	15	
Kazan	Aug. 7-14		1	
Kooban	Aug. 7-14	2	2	
Moscow district	Aug. 10			Present.
Nakhchivan	Aug. 7-14	19	6	
Nijni Novgorod	Aug. 7-14	3	3	
Oofa	Aug. 7-14	1	1	
Rostov	July 26-Aug. 14	87	37	
Samara govt. district	July 19-Aug. 14	16	3	
Saratov	July 19-Aug. 14	302	177	July 19, present, also, on vessels.
Simbirsk govt. district	Aug. 7-14	1		July 31, present.
St. Petersburg govt. dist.	Sept. 9	15		
Tambov govt. district	July 31			Present.
Tula	Aug. 7-14	2	1	
Zaritzyn	July 24-Aug. 6	96	55	July 19, present, also, on vessels. Aug. 29, 250 cases daily.
Siам:				Present.
Bassein	May 10-16			
Straits Settlements:				
Singapore	May 10-16		1	

## YELLOW FEVER.

Brazil:				
Bahia	July 22	3		
Manaos	May 26-Aug. 15	28	27	
Para	May 31-Aug. 8	29	27	
Pernambuco	June 15-30		1	
Rio de Janeiro	June 1-28	3	3	
Cuba:				
Habana Province—				
Habana	Sept. 13-16	1	1	
Santiago Province—				
Antilla	Sept. 8	1	1	
Daiquiri	June 27-Aug. 15	20	4	
Firmeza	Aug. 22	1		
Santiago	Sept. 7	1	1	From Mayari.
Curacao	June 28-Aug. 1	1	1	Imported.
Ecuador:				
Guayaquil	May 31-Aug. 22		14	
Martinique:				
Fort de France	June 27-Aug. 29	14	7	
Mexico:				
Acapulco	Sept. 12	1	1	On Mexican S. S. Manuel Herterias.
Frontera	July 12	1		
Laguna del Carmen	Aug. 29	2		
Laguna de Terminos	June 9-July 12	8	2	From May 18, 4 cases additional from S. S. Lembit.
Merida	Aug. 23-31	2	1	
Tierra Blanca	July 27	1		
Veracruz	July 7-Sept. 7	11	7	
Porto Rico:				
San Juan	July 5			1 case on S. S. Julia.
Venezuela	June 26	80	40	Estimated. In Upata, Guasipati, and Callao.

## PLAQUE.

Australia:				
Brisbane	June 6-20	2	1	
Sydney	Feb. 25-June 24	4		Case, June 6-11, at Clifton.
Azores:				
Faial	Aug. 10	7	2	
Terceira	July 1-Aug. 11	29	15	
Brazil:				
Bahia	July 29	1		
Pernambuco	June 1-15		1	
Rio de Janeiro	May 11-Aug. 9	9	1	
Sao Paulo	May 18-31		2	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
British East Africa:				
Port Florence .....	June 11-July 11...	27	22	
British Gold Coast:				
Akra .....	May 20-June 7....	5	5	Aug. 8, present.
Chile:				
Antofagasta .....	May 18-July 26 ...	61	6	
Arica .....	July 15-22 .....	2		
Iquique .....	May 20-July 29 ...	21	7	
China:				
Amoy .....	Apr. 26-July 11 ...			
Canton .....	May 1-June 9...	10		
Foochoo .....	Apr. 6-July 18...			
Hongkong .....	May 10-Aug. 1...	865	709	
Hsing-Sua .....	June 2-8.....			Do.
Swatow .....	July 4 .....			Do.
Ecuador:				
Guayaquil .....	May 31-Aug. 1...		21	
Egypt:				
Alexandria .....	May 27-Aug. 18...	54	28	
Port Said .....	July 3-Aug. 18...	8	6	Case, July 9, from ss. Perseo. July 5, 1 case on S. S. Orenoque.
Provinces—				
Assiout .....	May 27-July 5...	6	3	
Minieh .....	May 15-July 31...	6	2	
Dakahlieh .....	June 27 .....	1		
Garbleh .....	May 16-Aug. 17...	23	3	
Fayoum .....	May 28-Aug. 4...	81	45	
Beni Souef .....	May 29-Aug. 8...	42	13	
Kena .....	May 28-July 25...	44	44	
Galyoobeeeyeh .....	May 21-July 20...	26	17	
Menouf .....	May 26-Aug. 19...	67	12	
India:				
Bombay Presidency and Sind.	Apr. 26-July 18...	4,486	3,754	
Madras Presidency .....	Apr. 26-July 18...	576	383	
Bengal .....	Apr. 26-July 18...	890	835	
United Provinces .....	Apr. 26-July 18...	1,498	1,356	
Punjab .....	Apr. 26-July 18...	13,473	11,097	
Burma .....	Apr. 26-July 18...	1,619	1,591	
Central provinces, including Berar.	Apr. 26-May 16...	23	19	
Coorg .....	May 24-June 27...	8	5	
Mysore State .....	Apr. 26-July 18...	798	618	
Central India .....	Apr. 26-May 16...	4	4	
Rajputana .....	Apr. 26-June 27...	624	469	
Kashmir .....	Apr. 26-June 27...	21	13	
Northwest frontier province.	Apr. 26-July 18...	456	404	
Grand total .....		24,475	20,548	
Indo-China:				
Cholen .....	May 10-Aug. 1...	72	68	
Saigon .....	May 10-July 18...	69	59	Cholen included, July 6 and 13.
Japan:				
Formosa .....	May 10-Aug. 1...	611	504	From May 15 epidemic at Taiwan; 26 cases reported daily.
Kobe .....	May 24-July 25...	5	4	
Nara .....	June 14-20.....	14		
Osaka .....	May 10-June 27...	19	18	
Mauritius .....	May 31-June 11...	6	2	
Peru:				
Callao .....	May 20-Aug. 3...	25	9	
Chepen (Pacasmayo) .....	July 8-Aug. 3...	27	14	And vicinity.
Chiclayo .....	May 20-July 20...	10	8	
Ferrenafe .....	July 21-Aug. 3...	1		
Lima .....	May 20-Aug. 3...	43	25	Do.
Mollendo .....	June 2-22.....	2	1	
Monsefu .....	June 2-8.....	1		
Niepos (Hualgayoc) .....	June 2-8.....	2		
Paita .....	July 21-Aug. 3...	1	1	
Salaverry .....	May 2-July 19...	17		
Santa Eulalia (Huarochiri) .....	July 21-Aug. 3...	1		
San Jose (Lambayeque) .....	July 21-Aug. 3...	4	4	
Trojillo .....	May 20-Aug. 3...	147	69	And vicinity.

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*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## PLAQUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Siam:				
Bangkok .....	June 14-20 .....	3 .....		Present. Do.
Puket .....	May 9 .....			
Tongkah .....	May 4 .....			
Straits Settlements:				
Singapore .....	May 17-30 .....		2 .....	
Trinidad:				
Port of Spain .....	June 4-July 28 .....	15 .....	11 .....	
Turkey in Asia:				
Adalia .....	July 27 .....	2 .....		
Bagdad .....	June 7-Aug. 22 .....	74 .....	49 .....	
Uruguay:				
Montevideo .....	Apr. 1-May 31 .....		5 .....	
Venezuela:				
Caracas .....	June 10-Aug. 21 .....	51 .....	11 .....	
La Guaira .....	June 16-30 .....	5 .....	2 .....	Aug. 5, present. Suburb of La Guaira.
Maiquetia .....	June 28 .....	1 .....		

## SMALLPOX.

Algeria:				
Algiers .....	June 29-July 31 .....		13 .....	
Arabia:				
Aden .....	May 28-Aug. 17 .....		43 .....	
Argentina:				
Buenos Aires .....	Mar. 1-May 31 .....		4 .....	
Austria:				
Bukowina .....	July 12-Aug. 22 .....	3 .....		
Galicia .....	May 24-June 28 .....	4 .....		
Silesia .....	July 19-25 .....	4 .....		
Borneo:				
Sandakan .....	Apr. 16-June 30 .....	43 .....	16 .....	
Brazil:				
Bahia .....	May 1-July 31 .....	409 .....	31 .....	
Campinas .....	June 29-July 5 .....		2 .....	
Para .....	June 28-July 4 .....	2 .....	2 .....	
Pernambuco .....	May 1-July 30 .....		165 .....	
Rio de Janeiro .....	May 11-Aug. 16 .....	4,583 .....	2,481 .....	July 8-16 one case and 1 death on S. S. Peruviana in voyage to Castries and Baltimore. 1 case July 10 from S. S. Spar- tan Prince.
Santos .....	May 18-Aug. 9 .....		24 .....	
British South Africa:				
East London .....	July 12-18 .....	5 .....		
Canada:				
Nova Scotia—				
Halifax .....	June 14-Aug. 29 .....	34 .....		
Ontario—				
Hamilton .....	June 1-30 .....	8 .....		
Ceylon, general .....	Apr. 1-30 .....		2 .....	
Colombo .....	June 29-Aug. 1 .....	36 .....	8 .....	
China:				
Amoy (Kulangsu) .....	Apr. 5-Aug. 1 .....		1 .....	
Foochoo .....	Apr. 26-June 27 .....			Present. Epidemic.
Hongkong .....	May 10-July 18 .....	30 .....	18 .....	
Nanking .....	June 11 .....			
Shanghai .....	May 18-July 19 .....	2 .....	12 .....	
Ecuador:				
Guayaquil .....	May 31-Aug. 22 .....		46 .....	
Egypt, general .....	May 14-July 29 .....	500 .....	127 .....	
Cairo .....	May 31-Aug. 19 .....	47 .....	21 .....	
Suez .....	June 18-July 1 .....	5 .....		
France:				
Marseille .....	July 1-31 .....		1 .....	
Paris .....	May 31-Aug. 8 .....	12 .....		
Toulon .....	May 1-July 31 .....	3 .....		
Germany, general .....	May 24-Aug. 8 .....	48 .....		
Bremen .....	May 24-June 6 .....	3 .....		
Chemnitz .....	Aug. 2-8 .....	1 .....		
Konigsberg .....	Aug. 2-8 .....	1 .....		
Great Britain:				
Liverpool .....	Apr. 30-Aug. 29 .....	5 .....		

\* Cases among foreigners; deaths among natives.

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay .....	May 20-Aug. 11 .....	200		
Calcutta .....	May 10-Aug. 1 .....	125		
Madras .....	May 23-29 .....	1		
Indo-China:				
Cholon .....	May 24-July 26 .....	9	5	
Saigon .....	July 19-25 .....	2	1	
Italy, general .....	June 8-Aug. 23 .....	437		
Catania .....	May 22-July 31 .....		4	
Genoa .....	May 1-31 .....	2		
Messina .....	July 19-25 .....			
Naples .....	June 7-Aug. 15 .....		5	
Palermo .....	May 24-Aug. 15 .....	28	4	
Turin .....	June 8-14 .....	1		
Japan:				
Formosa .....	June 7-13 .....	1		
Kobe .....	May 31-July 4 .....	12		
Nagasaki .....	May 26-31 .....	1		
Osaka .....	May 10-Aug. 1 .....	115	59	
Yokohama .....	June 2-29 .....	3		
Java:				
Batavia .....	May 10-Aug. 1 .....	45	1	
Mexico:				
Aguascalientes .....	June 8-July 12 .....		8	
Mexico City .....	May 10-July 25 .....		197	
Monterey .....	June 8-14 .....		1	
Netherlands, The:				
Amsterdam .....	July 27-Aug. 1 .....	1		
Norway:				
Christiania .....	Aug. 9-22 .....	73	1	
Peru:				
Lima .....	June 1-July 18 .....	4		Aug. 3, 3 cases in the lazaretto.
Philippine Islands:				
Manila .....	May 3-Aug. 1 .....	132	48	First quarter calendar year 1908, 42 cases, 12 deaths.
Porto Rico:				
Mayaguez .....	June 7-27 .....	6		
Portugal:				
Lisbon .....	May 31-Aug. 22 .....	30		
Russia:				
Batoom .....	May 1-31 .....	1		
Moscow .....	May 24-Aug. 15 .....	251	124	
Odessa .....	May 24-Aug. 8 .....	38	4	
Riga .....	June 7-Aug. 15 .....	21		
St. Petersburg .....	May 17-Aug. 15 .....	447	106	
Warsaw .....	May 10-July 4 .....		45	
Siberia:				
Vladivostok .....	May 6-June 21 .....	11		
Spain:				
Barcelona .....	June 1-Aug. 20 .....		12	
Cadiz .....	July 27 .....			Present.
Malaga .....	Mar. 1-April 30 .....		4	July 27, present.
Valencia .....	June 1-Aug. 15 .....	81	9	
Straits Settlements:				
Singapore .....	May 24-July 18 .....		5	
Switzerland:				
Zurich .....	Aug. 23-29 .....	3		
Turkey in Asia:				
Bagdad .....	May 10-Aug. 1 .....	123	47	
Smyrna .....	May 13-June 16 .....		6	
Turkey in Europe:				
Constantinople .....	June 1-Aug. 23 .....		70	
Zanzibar .....	June 8-July 21 .....		2	

September 18, 1908

*Weekly mortality table, foreign and incular cities.*

Cities.	Week ended--	Estimated population.	Total deaths from all causes.	Deaths from—							
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.
Aberdeen .....	Aug. 15	174,579	34							1	1
Do .....	Aug. 22	174,579	43							1	1
Aden .....	Aug. 10	45,974	31	4				2			
Do .....	Aug. 17	43,974	42	5			11				1
Aguascalientes .....	Aug. 30	40,000	50	2							1
Aix-la-Chapelle .....	Aug. 15	158,368	69	4					1		1
Amsterdam .....	Aug. 22	564,770	120	10					1	1	2
Antilla .....	Aug. 29	300	1								
Antwerp .....	Aug. 22	312,571	79	4							1
Asuncion .....	July 11	75,000	21								
Do .....	July 18	75,000	24	1							
Do .....	July 25	75,000	26	4							
Athens .....	Aug. 22	241,058	70	10				3	7		
Baracos .....	Aug. 29	27,000	6							1	1
Barmen .....	Aug. 22	160,000	36	5							
Barranquilla .....	do .....	40,000	16	1							
Basel .....	Aug. 15	131,000	32	6							1
Do .....	Aug. 22	131,000	31	2							
Belfast .....	do .....	380,344	114	26					1		1
Belize .....	Sept. 3	9,113	3	1							
Bergen .....	Aug. 15	87,749	18	1							
Do .....	Aug. 22	87,749	14	3							
Berlin .....	Aug. 15	2,101,219	590	71					1	3	3
Birmingham .....	Aug. 22	558,336	215						1	1	1
Do .....	Aug. 29	558,336	192						2	3	2
Bombay .....	Aug. 4	977,822	582	42	31		8				2
Do .....	Aug. 11	977,822	572	50	37	1	6		1		3
Bordeaux .....	Aug. 22	255,000	108	18					1		1
Bradford .....	do .....	229,136	107	9					1		
Bremen .....	Aug. 1	228,938	73	7					1	1	2
Do .....	Aug. 8	228,938	66	6					1	1	2
Do .....	Aug. 15	228,938	55	7					1	1	1
Do .....	Aug. 22	228,938	74	13					1	1	
Bristol .....	do .....	372,785	108								
Do .....	Aug. 29	372,785	100								
Brussels .....	Aug. 22	630,078	161	13						1	
Cairo .....	Aug. 12	692,657	526	26				1	8	6	10
Do .....	Aug. 19	692,657	596	32				1	2	4	5
Calcutta .....	July 25	847,796	369	28	22	9	5				3
Do .....	Aug. 1	847,796	402	26	18	11	6				
Cartagena, Colombia .....	Aug. 16	30,000	22	1							
Celba .....	Aug. 29	6,600	4								
Chemnitz .....	Aug. 22	272,575	100	11							
Christiania .....	do .....	231,687	57					1			
Ciudad Fuegosa .....	Aug. 29	37,000	14								
Coburg .....	Aug. 22	23,245	8								
Cognac .....	do .....	19,483	9	1							
Colombo .....	Aug. 1	180,262	157	21				2	9		
Colon .....	Aug. 23	16,000	8								
Constantinople .....	do .....	1,000,000	200	24				2	10	1	2
Copenhagen .....	Aug. 15	440,000	123	5						1	
Dalny .....	Aug. 8	35,219	19	1							
Do .....	Aug. 15	35,219	31								
Denia .....	Aug. 22	12,421	2	1							
Dublin .....	do .....	394,525	187	40					1	2	2
Dundee .....	do .....	168,616	52	5						1	4
Do .....	Aug. 29	168,616	69								2
Durban .....	Aug. 1	60,972	11								3
Edinburgh .....	Aug. 22	350,524	85						1		1
Flushing .....	Aug. 29	20,257	6								3
Fort-de-France .....	Aug. 15	27,069	16				2				
Do .....	Aug. 22	27,069	15				1				
Do .....	Aug. 29	27,069	26				2				
Frontera .....	Aug. 22	9,000	6								
Do .....	Aug. 29	9,000	4								
Geneva .....	Aug. 15	118,500	22								
Georgetown .....	July 4	36,567	68	3							
Do .....	July 11	36,567	27	1					1		
Do .....	July 18	36,567	67	8							
Do .....	July 25	36,567	46	6							
Ghent .....	Aug. 22	165,033	62	1					1		3
Glasgow .....	Aug. 28	859,715	272						6	3	2

*Weekly mortality table, foreign and insular cities*—Continued.

September 18, 1908

*Weekly mortality table, foreign and insular cities—Continued.*

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—							
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.
Santa Cruz de Tenerife	Aug. 22	46,000	16	3							
Santiago de Cuba	Aug. 29	45,497	16	1							
Shanghai	July 26	544,500	158	20							
Do	Aug. 2	544,500	188	22							
Do	Aug. 9	544,500	182	20							
Do	Aug. 16	544,500	182	19							
Sheffield	Aug. 22	450,000	149	7							
Do	Aug. 29	450,000	143	20							
Singapore	July 18	260,000	242	29							
Southampton	Aug. 22	122,196	36	7							
Do	Aug. 29	122,196	30	2							
South Shields	Aug. 22	115,535	105	4							
Stettin	do	230,000	118	3							
Stockholm	Aug. 8	337,460	91	13							
Tegucigalpa	Aug. 26	24,000	6								
Trieste	Aug. 22	213,719	87								
Turin	Aug. 23	373,701	89	12							
Valencia	Aug. 22	250,000	91	10							
Vevey	Aug. 15	14,000	5								
Victoria, B. C.	Aug. 29	27,500	8	1							
Vienna	Aug. 22	2,021,052	574	86							
Vigo	do	40,000	10	2							
West Hartlepool	do	66,750	8								
Winnipeg	Aug. 29	117,000	30								
Zurich	Aug. 22	180,000	50	12							

By authority of the Secretary of the Treasury:

**WALTER WYMAN,**  
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